

# Промышленные планшеты серии Tab-Ex 03 DZ2

## Технические характеристики

По вопросам продаж и поддержки обращайтесь:

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Ростов-на-Дону (863)308-18-15  
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Тула (4872)33-79-87  
Тюмень (3452)66-21-18  
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Улан-Удэ (3012)59-97-51  
Уфа (347)229-48-12  
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Череповец (8202)49-02-64  
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## Tablet computer

### Tab-Ex® 03 DZ2

TAB-EX03-DZ2-WWANKOR-CN-000-..



- NFC technology for wireless applications
- Comprehensive security thanks to Samsung KNOX
- Suitable for use with gloves
- Google ARCore
- Samsung DeX Mode
- MIL-STD-810H
- 64 GB internal memory
- Micro SD slot (up to 1 TB)
- Replaceable SIM
- Wireless connections such as WWAN, 4G LTE, WLAN and Bluetooth®
- 13 MP rear camera + 5 MP front camera

Tab-Ex 03 DZ2 (DIV 2 and Zone 2/22), latest available Android firmware release, WWAN (LTE) incl. Wi-Fi, with camera, version for South Korea



## Technical Data

| Hardware                   |  |                                                                                                     |
|----------------------------|--|-----------------------------------------------------------------------------------------------------|
| Processor                  |  | Octa-core, 4 x 2.7 GHz + 4 x 1.7 GHz<br>Exynos 9810                                                 |
| RAM                        |  | 4 GB                                                                                                |
| Camera                     |  |                                                                                                     |
| Front camera               |  | 5 MP                                                                                                |
| Main camera                |  | 13 MP Autofocus                                                                                     |
| Video recording resolution |  | UHD 4K (3840 x 2160 Pixel) @ 30 fps                                                                 |
| Internal data memory       |  | 64 GByte<br>Free available memory 48.6 GByte                                                        |
| Optional data memory       |  | Expandable to 1 TB with microSD card                                                                |
| Sensors                    |  | Acceleration sensor, gyroscope, proximity sensor, geomagnetic sensor, Hall sensor, RGB light sensor |
| Speaker                    |  | yes                                                                                                 |
| Indicators/operating means |  |                                                                                                     |
| Display                    |  | Can be operated while wearing gloves                                                                |
| Touchscreen technology     |  | Capacitive multitouch                                                                               |
| Type                       |  | TFT, LCD                                                                                            |
| Screen diagonal            |  | 20.31 cm                                                                                            |
| Aspect ratio               |  | 16:10                                                                                               |
| Resolution                 |  | 1920 x 1200 (WUXGA)                                                                                 |
| Brightness                 |  | 480 cd/m <sup>2</sup> (nit)                                                                         |
| Colors                     |  | 16 Mio.                                                                                             |
| Electrical specifications  |  |                                                                                                     |
| Battery type               |  | Li-Ion 18.87 WH, 3.8 V<br>5050 mAh (typical)<br>4900 mAh (rated)                                    |
| Operating duration         |  | up to 11 h                                                                                          |
| Communication              |  |                                                                                                     |
| Mobile standard            |  |                                                                                                     |

## Technical Data

|                                                                |                                                                                                                                                                                                      |
|----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2G                                                             | GSM 850 MHz, GSM 900 MHz, DCS 1800 MHz, PCS 1900 MHz                                                                                                                                                 |
| 3G                                                             | UMTS band: B1 (2100), B2 (1900), B4 (AWS), B5 (850), B8 (900)                                                                                                                                        |
| 4G                                                             | LTE FDD: B1 (2100), B2 (1900), B3 (1800), B4 (AWS), B5 (850), B7 (2600), B8 (900), B12 (700), B13 (700), B17 (700), B20 (800), B28 (700), B66 (AWS-3)<br>TDD LTE: B38 (2600), B40 (2300), B41 (2500) |
| WLAN                                                           | 802.11 a/b/g/n/AC/ax 2.4 G+5 GHz, HE80, MIMO, 1024 QAM                                                                                                                                               |
| Bluetooth                                                      | Bluetooth® 5.0                                                                                                                                                                                       |
| GPS sensor                                                     | GPS, Glonass, Beidou, Galileo                                                                                                                                                                        |
| USB                                                            | USB 3.1 Gen. 1                                                                                                                                                                                       |
| Connections                                                    | Wi-Fi Direct, NFC, ANT+                                                                                                                                                                              |
| SIM card                                                       | 1x Nano SIM (4FF)                                                                                                                                                                                    |
| <b>Software</b>                                                |                                                                                                                                                                                                      |
| Operating system                                               | Android™ 13                                                                                                                                                                                          |
| Safety                                                         | Samsung KNOX 3.x                                                                                                                                                                                     |
| SMS/MMS                                                        | yes                                                                                                                                                                                                  |
| <b>Ambient conditions</b>                                      |                                                                                                                                                                                                      |
| Ambient temperature                                            | -20 ... 55 °C (-4 ... 131 °F)                                                                                                                                                                        |
| <b>Mechanical specifications</b>                               |                                                                                                                                                                                                      |
| Degree of protection                                           | IP64 according to EN/IEC 60079-0 (ATEX/IECEX)<br>IP68* according to EN/IEC 60529 (industrial standard) and MIL-STD-810H                                                                              |
| Mass                                                           | 610 g                                                                                                                                                                                                |
| Dimensions                                                     |                                                                                                                                                                                                      |
| W x H x D                                                      | 126.8 mm x 213.8 mm x 9.9 mm                                                                                                                                                                         |
| <b>Data for application in connection with hazardous areas</b> |                                                                                                                                                                                                      |
| ATEX approval                                                  |                                                                                                                                                                                                      |
| Certificate of conformity                                      | EPS 21 ATEX 1 093 X                                                                                                                                                                                  |
| ATEX marking                                                   | Ⓔ II 3G Ex ic IIC T5 Gc IP64<br>Ⓔ II 3D Ex ic IIIC T85°C Dc                                                                                                                                          |
| <b>International approvals</b>                                 |                                                                                                                                                                                                      |
| IECEX approval                                                 |                                                                                                                                                                                                      |
| IECEX certificate                                              | IECEX EPS 21.0033X                                                                                                                                                                                   |
| IECEX marking                                                  | Ex ic IIC T5 Gc IP64<br>Ex ic IIIC T85°C Dc                                                                                                                                                          |
| KCC approval                                                   |                                                                                                                                                                                                      |
| KCC certificate                                                | 22-KA4BO-0263X<br>22-KA4BO-0264X                                                                                                                                                                     |
| KCC marking                                                    | Ex ic IIC T5 Gc<br>Ex ic IIIC T85°C Dc                                                                                                                                                               |
| Approved for                                                   | South Korea                                                                                                                                                                                          |
| Further approvals                                              | MIL-STD-810H                                                                                                                                                                                         |
| <b>General information</b>                                     |                                                                                                                                                                                                      |
| Scope of delivery                                              | Tab-Ex® 03<br>Battery<br>Ex-protective cover<br>S Pen<br>USB cable<br>Charger<br>Documentation                                                                                                       |

## Accessories



## Tablet computer

### Tab-Ex® 03 DZ2

TAB-EX03-DZ2-WIFIEUR-CN-000-..



- NFC technology for wireless applications
- Comprehensive security thanks to Samsung KNOX
- Suitable for use with gloves
- Google ARCore
- Samsung DeX Mode
- MIL-STD-810H
- 64 GB internal memory
- Micro SD slot (up to 1 TB)
- 13 MP rear camera + 5 MP front camera

Tab-Ex 03 DZ2 (DIV 2 and Zone 2/22), latest available Android firmware release, Wi-Fi, with camera, version for Europe



## Technical Data

### Hardware

|                            |                                                                                                     |
|----------------------------|-----------------------------------------------------------------------------------------------------|
| Processor                  | Octa-core, 4 x 2.7 GHz + 4 x 1.7 GHz<br>Exynos 9810                                                 |
| RAM                        | 4 GB                                                                                                |
| Camera                     |                                                                                                     |
| Front camera               | 5 MP                                                                                                |
| Main camera                | 13 MP Autofocus                                                                                     |
| Video recording resolution | UHD 4K (3840 x 2160 Pixel) @ 30 fps                                                                 |
| Internal data memory       | 64 GByte<br>Free available memory 48.6 GByte                                                        |
| Optional data memory       | Expandable to 1 TB with microSD card                                                                |
| Sensors                    | Acceleration sensor, gyroscope, proximity sensor, geomagnetic sensor, Hall sensor, RGB light sensor |
| Speaker                    | yes                                                                                                 |

### Indicators/operating means

|                        |                                      |
|------------------------|--------------------------------------|
| Display                | Can be operated while wearing gloves |
| Touchscreen technology | Capacitive multitouch                |
| Type                   | TFT, LCD                             |
| Screen diagonal        | 20.31 cm                             |
| Aspect ratio           | 16:10                                |
| Resolution             | 1920 x 1200 (WUXGA)                  |
| Brightness             | 480 cd/m <sup>2</sup> (nit)          |
| Colors                 | 16 Mio.                              |

### Electrical specifications

|                    |                                                                  |
|--------------------|------------------------------------------------------------------|
| Battery type       | Li-Ion 18.87 WH, 3.8 V<br>5050 mAh (typical)<br>4900 mAh (rated) |
| Operating duration | up to 11 h                                                       |

### Communication

|             |                                                        |
|-------------|--------------------------------------------------------|
| WLAN        | 802.11 a/b/g/n/AC/ax 2.4 G+5 GHz, HE80, MIMO, 1024 QAM |
| Bluetooth   | Bluetooth® 5.0                                         |
| GPS sensor  | GPS, Glonass, Beidou, Galileo                          |
| USB         | USB 3.1 Gen. 1                                         |
| Connections | Wi-Fi Direct, NFC, ANT+                                |



Technical Data

|                                                         |  |                                                                                                                         |
|---------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------|
| Software                                                |  |                                                                                                                         |
| Operating system                                        |  | Android™ 13                                                                                                             |
| Safety                                                  |  | Samsung KNOX 3.x                                                                                                        |
| Ambient conditions                                      |  |                                                                                                                         |
| Ambient temperature                                     |  | -20 ... 55 °C (-4 ... 131 °F)                                                                                           |
| Mechanical specifications                               |  |                                                                                                                         |
| Degree of protection                                    |  | IP64 according to EN/IEC 60079-0 (ATEX/IECEX)<br>IP68* according to EN/IEC 60529 (industrial standard) and MIL-STD-810H |
| Mass                                                    |  | 610 g                                                                                                                   |
| Dimensions                                              |  |                                                                                                                         |
| W x H x D                                               |  | 126.8 mm x 213.8 mm x 9.9 mm                                                                                            |
| Data for application in connection with hazardous areas |  |                                                                                                                         |
| ATEX approval                                           |  |                                                                                                                         |
| Certificate of conformity                               |  | EPS 21 ATEX 1 093 X                                                                                                     |
| ATEX marking                                            |  | Ⓔ II 3G Ex ic IIC T5 Gc IP64<br>Ⓔ II 3D Ex ic IIIC T85°C Dc                                                             |
| International approvals                                 |  |                                                                                                                         |
| IECEX approval                                          |  |                                                                                                                         |
| IECEX certificate                                       |  | IECEX EPS 21.0033X                                                                                                      |
| IECEX marking                                           |  | Ex ic IIC T5 Gc IP64<br>Ex ic IIIC T85°C Dc                                                                             |
| Approved for                                            |  | Europe                                                                                                                  |
| Further approvals                                       |  | MIL-STD-810H                                                                                                            |
| General information                                     |  |                                                                                                                         |
| Scope of delivery                                       |  | Tab-Ex® 03<br>Battery<br>Ex-protective cover<br>S Pen<br>USB cable<br>Charger<br>Documentation                          |

Accessories



## Tablet computer

### Tab-Ex® 03 DZ2

TAB-EX03-DZ2-WIFIEUR-CS-000-..



- NFC technology for wireless applications
- Comprehensive security thanks to Samsung KNOX
- Suitable for use with gloves
- Google ARCore
- Samsung DeX Mode
- MIL-STD-810H
- 64 GB internal memory
- Micro SD slot (up to 1 TB)
- Micro SD slot, 512 GB
- 13 MP rear camera + 5 MP front camera

Tab-Ex 03 DZ2 (DIV 2 and Zone 2/22), latest available Android firmware release, Wi-Fi, with camera, with microSD card, version for Europe



## Technical Data

| Hardware                   |  |                                                                                                     |
|----------------------------|--|-----------------------------------------------------------------------------------------------------|
| Processor                  |  | Octa-core, 4 x 2.7 GHz + 4 x 1.7 GHz<br>Exynos 9810                                                 |
| RAM                        |  | 4 GB                                                                                                |
| Camera                     |  |                                                                                                     |
| Front camera               |  | 5 MP                                                                                                |
| Main camera                |  | 13 MP Autofocus                                                                                     |
| Video recording resolution |  | UHD 4K (3840 x 2160 Pixel) @ 30 fps                                                                 |
| Internal data memory       |  | 64 GByte<br>Free available memory 48.6 GByte                                                        |
| Optional data memory       |  | microSD (up to 1024 GB)<br>512 GB installed                                                         |
| Sensors                    |  | Acceleration sensor, gyroscope, proximity sensor, geomagnetic sensor, Hall sensor, RGB light sensor |
| Speaker                    |  | yes                                                                                                 |
| Indicators/operating means |  |                                                                                                     |
| Display                    |  | Can be operated while wearing gloves                                                                |
| Touchscreen technology     |  | Capacitive multitouch                                                                               |
| Type                       |  | TFT, LCD                                                                                            |
| Screen diagonal            |  | 20.31 cm                                                                                            |
| Aspect ratio               |  | 16:10                                                                                               |
| Resolution                 |  | 1920 x 1200 (WUXGA)                                                                                 |
| Brightness                 |  | 480 cd/m <sup>2</sup> (nit)                                                                         |
| Colors                     |  | 16 Mio.                                                                                             |
| Electrical specifications  |  |                                                                                                     |
| Battery type               |  | Li-Ion 18.87 WH, 3.8 V<br>5050 mAh (typical)<br>4900 mAh (rated)                                    |
| Operating duration         |  | up to 11 h                                                                                          |
| Communication              |  |                                                                                                     |
| WLAN                       |  | 802.11 a/b/g/n/AC/ax 2.4 G+5 GHz, HE80, MIMO, 1024 QAM                                              |
| Bluetooth                  |  | Bluetooth® 5.0                                                                                      |
| GPS sensor                 |  | GPS, Glonass, Beidou, Galileo                                                                       |

## Technical Data

|                                                                |                                                                                                                         |
|----------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| USB                                                            | USB 3.1 Gen. 1                                                                                                          |
| Connections                                                    | Wi-Fi Direct, NFC, ANT+                                                                                                 |
| <b>Software</b>                                                |                                                                                                                         |
| Operating system                                               | Android™ 13                                                                                                             |
| Safety                                                         | Samsung KNOX 3.x                                                                                                        |
| <b>Ambient conditions</b>                                      |                                                                                                                         |
| Ambient temperature                                            | -20 ... 55 °C (-4 ... 131 °F)                                                                                           |
| <b>Mechanical specifications</b>                               |                                                                                                                         |
| Degree of protection                                           | IP64 according to EN/IEC 60079-0 (ATEX/IECEX)<br>IP68* according to EN/IEC 60529 (industrial standard) and MIL-STD-810H |
| Mass                                                           | 610 g                                                                                                                   |
| Dimensions                                                     |                                                                                                                         |
| W x H x D                                                      | 126.8 mm x 213.8 mm x 9.9 mm                                                                                            |
| <b>Data for application in connection with hazardous areas</b> |                                                                                                                         |
| ATEX approval                                                  |                                                                                                                         |
| Certificate of conformity                                      | EPS 21 ATEX 1 093 X                                                                                                     |
| ATEX marking                                                   | Ⓔ II 3G Ex ic IIC T5 Gc IP64<br>Ⓔ II 3D Ex ic IIIC T85°C Dc                                                             |
| <b>International approvals</b>                                 |                                                                                                                         |
| IECEX approval                                                 |                                                                                                                         |
| IECEX certificate                                              | IECEX EPS 21.0033X                                                                                                      |
| IECEX marking                                                  | Ex ic IIC T5 Gc IP64<br>Ex ic IIIC T85°C Dc                                                                             |
| Approved for                                                   | Europe                                                                                                                  |
| Further approvals                                              | MIL-STD-810H                                                                                                            |
| <b>General information</b>                                     |                                                                                                                         |
| Scope of delivery                                              | Tab-Ex® 03<br>Battery<br>Ex-protective cover<br>S Pen<br>USB cable<br>Charger<br>Documentation<br>Micro SD flash card   |

## Accessories



## Tablet computer

### Tab-Ex® 03 DZ2

TAB-EX03-DZ2-WWANEUR-  
CS-000-..



- NFC technology for wireless applications
- Comprehensive security thanks to Samsung KNOX
- Suitable for use with gloves
- Google ARCore
- Samsung DeX Mode
- MIL-STD-810H
- 64 GB internal memory
- Micro SD slot (up to 1 TB)
- Replaceable SIM
- Wireless connections such as WWAN, 4G LTE, WLAN and Bluetooth®
- Micro SD slot, 512 GB
- 13 MP rear camera + 5 MP front camera

Tab-Ex 03 DZ2 (DIV 2 and Zone 2/22), latest available Android firmware release, WWAN (LTE) incl. Wi-Fi, with camera, with microSD card, version for Europe



## Technical Data

| Hardware                   |  |                                                                                                     |
|----------------------------|--|-----------------------------------------------------------------------------------------------------|
| Processor                  |  | Octa-core, 4 x 2.7 GHz + 4 x 1.7 GHz<br>Exynos 9810                                                 |
| RAM                        |  | 4 GB                                                                                                |
| Camera                     |  |                                                                                                     |
| Front camera               |  | 5 MP                                                                                                |
| Main camera                |  | 13 MP Autofocus                                                                                     |
| Video recording resolution |  | UHD 4K (3840 x 2160 Pixel) @ 30 fps                                                                 |
| Internal data memory       |  | 64 GByte<br>Free available memory 48.6 GByte                                                        |
| Optional data memory       |  | microSD (up to 1024 GB)<br>512 GB installed                                                         |
| Sensors                    |  | Acceleration sensor, gyroscope, proximity sensor, geomagnetic sensor, Hall sensor, RGB light sensor |
| Speaker                    |  | yes                                                                                                 |
| Indicators/operating means |  |                                                                                                     |
| Display                    |  | Can be operated while wearing gloves                                                                |
| Touchscreen technology     |  | Capacitive multitouch                                                                               |
| Type                       |  | TFT, LCD                                                                                            |
| Screen diagonal            |  | 20.31 cm                                                                                            |
| Aspect ratio               |  | 16:10                                                                                               |
| Resolution                 |  | 1920 x 1200 (WUXGA)                                                                                 |
| Brightness                 |  | 480 cd/m <sup>2</sup> (nit)                                                                         |
| Colors                     |  | 16 Mio.                                                                                             |
| Electrical specifications  |  |                                                                                                     |
| Battery type               |  | Li-Ion 18.87 WH, 3.8 V<br>5050 mAh (typical)<br>4900 mAh (rated)                                    |
| Operating duration         |  | up to 11 h                                                                                          |
| Communication              |  |                                                                                                     |

## Technical Data

|                                                                |  |                                                                                                                                                                                                      |
|----------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Mobile standard                                                |  |                                                                                                                                                                                                      |
| 2G                                                             |  | GSM 850 MHz, GSM 900 MHz, DCS 1800 MHz, PCS 1900 MHz                                                                                                                                                 |
| 3G                                                             |  | UMTS band: B1 (2100), B2 (1900), B4 (AWS), B5 (850), B8 (900)                                                                                                                                        |
| 4G                                                             |  | LTE FDD: B1 (2100), B2 (1900), B3 (1800), B4 (AWS), B5 (850), B7 (2600), B8 (900), B12 (700), B13 (700), B17 (700), B20 (800), B28 (700), B66 (AWS-3)<br>TDD LTE: B38 (2600), B40 (2300), B41 (2500) |
| WLAN                                                           |  | 802.11 a/b/g/n/AC/ax 2.4 G+5 GHz, HE80, MIMO, 1024 QAM                                                                                                                                               |
| Bluetooth                                                      |  | Bluetooth® 5.0                                                                                                                                                                                       |
| GPS sensor                                                     |  | GPS, Glonass, Beidou, Galileo                                                                                                                                                                        |
| USB                                                            |  | USB 3.1 Gen. 1                                                                                                                                                                                       |
| Connections                                                    |  | Wi-Fi Direct, NFC, ANT+                                                                                                                                                                              |
| SIM card                                                       |  | 1x Nano SIM (4FF)                                                                                                                                                                                    |
| <b>Software</b>                                                |  |                                                                                                                                                                                                      |
| Operating system                                               |  | Android™ 13                                                                                                                                                                                          |
| Safety                                                         |  | Samsung KNOX 3.x                                                                                                                                                                                     |
| SMS/MMS                                                        |  | yes                                                                                                                                                                                                  |
| <b>Ambient conditions</b>                                      |  |                                                                                                                                                                                                      |
| Ambient temperature                                            |  | -20 ... 55 °C (-4 ... 131 °F)                                                                                                                                                                        |
| <b>Mechanical specifications</b>                               |  |                                                                                                                                                                                                      |
| Degree of protection                                           |  | IP64 according to EN/IEC 60079-0 (ATEX/IECEX)<br>IP68* according to EN/IEC 60529 (industrial standard) and MIL-STD-810H                                                                              |
| Mass                                                           |  | 610 g                                                                                                                                                                                                |
| Dimensions                                                     |  |                                                                                                                                                                                                      |
| W x H x D                                                      |  | 126.8 mm x 213.8 mm x 9.9 mm                                                                                                                                                                         |
| <b>Data for application in connection with hazardous areas</b> |  |                                                                                                                                                                                                      |
| ATEX approval                                                  |  |                                                                                                                                                                                                      |
| Certificate of conformity                                      |  | EPS 21 ATEX 1 093 X                                                                                                                                                                                  |
| ATEX marking                                                   |  | Ⓔ II 3G Ex ic IIC T5 Gc IP64<br>Ⓔ II 3D Ex ic IIIC T85°C Dc                                                                                                                                          |
| <b>International approvals</b>                                 |  |                                                                                                                                                                                                      |
| IECEX approval                                                 |  |                                                                                                                                                                                                      |
| IECEX certificate                                              |  | IECEX EPS 21.0033X                                                                                                                                                                                   |
| IECEX marking                                                  |  | Ex ic IIC T5 Gc IP64<br>Ex ic IIIC T85°C Dc                                                                                                                                                          |
| Approved for                                                   |  | Europe                                                                                                                                                                                               |
| Further approvals                                              |  | MIL-STD-810H                                                                                                                                                                                         |
| <b>General information</b>                                     |  |                                                                                                                                                                                                      |
| Scope of delivery                                              |  | Tab-Ex® 03<br>Battery<br>Ex-protective cover<br>S Pen<br>USB cable<br>Charger<br>Documentation<br>Micro SD flash card                                                                                |

## Accessories



## Tablet computer

### Tab-Ex® 03 DZ2

TAB-EX03-DZ2-WWANEUR-CN-000-..



- NFC technology for wireless applications
- Comprehensive security thanks to Samsung KNOX
- Suitable for use with gloves
- Google ARCore
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- MIL-STD-810H
- 64 GB internal memory
- Micro SD slot (up to 1 TB)
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- Wireless connections such as WWAN, 4G LTE, WLAN and Bluetooth®
- 13 MP rear camera + 5 MP front camera

Tab-Ex 03 DZ2 (DIV 2 and Zone 2/22), latest available Android firmware release, WWAN (LTE) incl. Wi-Fi, with camera, version for Europe



## Technical Data

|                                   |  |                                                                                                     |
|-----------------------------------|--|-----------------------------------------------------------------------------------------------------|
| <b>Hardware</b>                   |  |                                                                                                     |
| Processor                         |  | Octa-core, 4 x 2.7 GHz + 4 x 1.7 GHz<br>Exynos 9810                                                 |
| RAM                               |  | 4 GB                                                                                                |
| <b>Camera</b>                     |  |                                                                                                     |
| Front camera                      |  | 5 MP                                                                                                |
| Main camera                       |  | 13 MP Autofocus                                                                                     |
| Video recording resolution        |  | UHD 4K (3840 x 2160 Pixel) @ 30 fps                                                                 |
| Internal data memory              |  | 64 GByte<br>Free available memory 48.6 GByte                                                        |
| Optional data memory              |  | Expandable to 1 TB with microSD card                                                                |
| Sensors                           |  | Acceleration sensor, gyroscope, proximity sensor, geomagnetic sensor, Hall sensor, RGB light sensor |
| Speaker                           |  | yes                                                                                                 |
| <b>Indicators/operating means</b> |  |                                                                                                     |
| Display                           |  | Can be operated while wearing gloves                                                                |
| Touchscreen technology            |  | Capacitive multitouch                                                                               |
| Type                              |  | TFT, LCD                                                                                            |
| Screen diagonal                   |  | 20.31 cm                                                                                            |
| Aspect ratio                      |  | 16:10                                                                                               |
| Resolution                        |  | 1920 x 1200 (WUXGA)                                                                                 |
| Brightness                        |  | 480 cd/m <sup>2</sup> (nit)                                                                         |
| Colors                            |  | 16 Mio.                                                                                             |
| <b>Electrical specifications</b>  |  |                                                                                                     |
| Battery type                      |  | Li-Ion 18.87 WH, 3.8 V<br>5050 mAh (typical)<br>4900 mAh (rated)                                    |
| Operating duration                |  | up to 11 h                                                                                          |
| <b>Communication</b>              |  |                                                                                                     |
| Mobile standard                   |  |                                                                                                     |

Technical Data

|                                                         |                                                                                                                                                                                                      |
|---------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2G                                                      | GSM 850 MHz, GSM 900 MHz, DCS 1800 MHz, PCS 1900 MHz                                                                                                                                                 |
| 3G                                                      | UMTS band: B1 (2100), B2 (1900), B4 (AWS), B5 (850), B8 (900)                                                                                                                                        |
| 4G                                                      | LTE FDD: B1 (2100), B2 (1900), B3 (1800), B4 (AWS), B5 (850), B7 (2600), B8 (900), B12 (700), B13 (700), B17 (700), B20 (800), B28 (700), B66 (AWS-3)<br>TDD LTE: B38 (2600), B40 (2300), B41 (2500) |
| WLAN                                                    | 802.11 a/b/g/n/AC/ax 2.4 G+5 GHz, HE80, MIMO, 1024 QAM                                                                                                                                               |
| Bluetooth                                               | Bluetooth® 5.0                                                                                                                                                                                       |
| GPS sensor                                              | GPS, Glonass, Beidou, Galileo                                                                                                                                                                        |
| USB                                                     | USB 3.1 Gen. 1                                                                                                                                                                                       |
| Connections                                             | Wi-Fi Direct, NFC, ANT+                                                                                                                                                                              |
| SIM card                                                | 1x Nano SIM (4FF)                                                                                                                                                                                    |
| Software                                                |                                                                                                                                                                                                      |
| Operating system                                        | Android™ 13                                                                                                                                                                                          |
| Safety                                                  | Samsung KNOX 3.x                                                                                                                                                                                     |
| SMS/MMS                                                 | yes                                                                                                                                                                                                  |
| Ambient conditions                                      |                                                                                                                                                                                                      |
| Ambient temperature                                     | -20 ... 55 °C (-4 ... 131 °F)                                                                                                                                                                        |
| Mechanical specifications                               |                                                                                                                                                                                                      |
| Degree of protection                                    | IP64 according to EN/IEC 60079-0 (ATEX/IECEX)<br>IP68* according to EN/IEC 60529 (industrial standard) and MIL-STD-810H                                                                              |
| Mass                                                    | 610 g                                                                                                                                                                                                |
| Dimensions                                              |                                                                                                                                                                                                      |
| W x H x D                                               | 126.8 mm x 213.8 mm x 9.9 mm                                                                                                                                                                         |
| Data for application in connection with hazardous areas |                                                                                                                                                                                                      |
| ATEX approval                                           |                                                                                                                                                                                                      |
| Certificate of conformity                               | EPS 21 ATEX 1 093 X                                                                                                                                                                                  |
| ATEX marking                                            | Ⓔ II 3G Ex ic IIC T5 Gc IP64<br>Ⓔ II 3D Ex ic IIIC T85°C Dc                                                                                                                                          |
| International approvals                                 |                                                                                                                                                                                                      |
| IECEX approval                                          |                                                                                                                                                                                                      |
| IECEX certificate                                       | IECEX EPS 21.0033X                                                                                                                                                                                   |
| IECEX marking                                           | Ex ic IIC T5 Gc IP64<br>Ex ic IIIC T85°C Dc                                                                                                                                                          |
| Approved for                                            | Europe                                                                                                                                                                                               |
| Further approvals                                       | MIL-STD-810H                                                                                                                                                                                         |
| General information                                     |                                                                                                                                                                                                      |
| Scope of delivery                                       | Tab-Ex® 03<br>Battery<br>Ex-protective cover<br>S Pen<br>USB cable<br>Charger<br>Documentation                                                                                                       |

Accessories



## Tablet computer

### Tab-Ex® 03 DZ2

TAB-EX03-DZ2-WWANANZ-CS-000-..



- NFC technology for wireless applications
- Comprehensive security thanks to Samsung KNOX
- Suitable for use with gloves
- Google ARCore
- Samsung DeX Mode
- MIL-STD-810H
- 64 GB internal memory
- Micro SD slot (up to 1 TB)
- Replaceable SIM
- Wireless connections such as WWAN, 4G LTE, WLAN and Bluetooth®
- Micro SD slot, 512 GB
- 13 MP rear camera + 5 MP front camera

Tab-Ex 03 DZ2 (DIV 2 and Zone 2/22), latest available Android firmware release, WWAN (LTE) incl. Wi-Fi, with camera, with microSD card, version for Australia and New Zealand



## Technical Data

| Hardware                   |  |                                                                                                     |
|----------------------------|--|-----------------------------------------------------------------------------------------------------|
| Processor                  |  | Octa-core, 4 x 2.7 GHz + 4 x 1.7 GHz<br>Exynos 9810                                                 |
| RAM                        |  | 4 GB                                                                                                |
| Camera                     |  |                                                                                                     |
| Front camera               |  | 5 MP                                                                                                |
| Main camera                |  | 13 MP Autofocus                                                                                     |
| Video recording resolution |  | UHD 4K (3840 x 2160 Pixel) @ 30 fps                                                                 |
| Internal data memory       |  | 64 GByte<br>Free available memory 48.6 GByte                                                        |
| Optional data memory       |  | microSD (up to 1024 GB)<br>512 GB installed                                                         |
| Sensors                    |  | Acceleration sensor, gyroscope, proximity sensor, geomagnetic sensor, Hall sensor, RGB light sensor |
| Speaker                    |  | yes                                                                                                 |
| Indicators/operating means |  |                                                                                                     |
| Display                    |  | Can be operated while wearing gloves                                                                |
| Touchscreen technology     |  | Capacitive multitouch                                                                               |
| Type                       |  | TFT, LCD                                                                                            |
| Screen diagonal            |  | 20.31 cm                                                                                            |
| Aspect ratio               |  | 16:10                                                                                               |
| Resolution                 |  | 1920 x 1200 (WUXGA)                                                                                 |
| Brightness                 |  | 480 cd/m <sup>2</sup> (nit)                                                                         |
| Colors                     |  | 16 Mio.                                                                                             |
| Electrical specifications  |  |                                                                                                     |
| Battery type               |  | Li-Ion 18.87 WH, 3.8 V<br>5050 mAh (typical)<br>4900 mAh (rated)                                    |
| Operating duration         |  | up to 11 h                                                                                          |
| Communication              |  |                                                                                                     |



## Technical Data

|                                                                |  |                                                                                                                                                                                                      |
|----------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Mobile standard                                                |  |                                                                                                                                                                                                      |
| 2G                                                             |  | GSM 850 MHz, GSM 900 MHz, DCS 1800 MHz, PCS 1900 MHz                                                                                                                                                 |
| 3G                                                             |  | UMTS band: B1 (2100), B2 (1900), B4 (AWS), B5 (850), B8 (900)                                                                                                                                        |
| 4G                                                             |  | LTE FDD: B1 (2100), B2 (1900), B3 (1800), B4 (AWS), B5 (850), B7 (2600), B8 (900), B12 (700), B13 (700), B17 (700), B20 (800), B28 (700), B66 (AWS-3)<br>TDD LTE: B38 (2600), B40 (2300), B41 (2500) |
| WLAN                                                           |  | 802.11 a/b/g/n/AC/ax 2.4 G+5 GHz, HE80, MIMO, 1024 QAM                                                                                                                                               |
| Bluetooth                                                      |  | Bluetooth® 5.0                                                                                                                                                                                       |
| GPS sensor                                                     |  | GPS, Glonass, Beidou, Galileo                                                                                                                                                                        |
| USB                                                            |  | USB 3.1 Gen. 1                                                                                                                                                                                       |
| Connections                                                    |  | Wi-Fi Direct, NFC, ANT+                                                                                                                                                                              |
| SIM card                                                       |  | 1x Nano SIM (4FF)                                                                                                                                                                                    |
| <b>Software</b>                                                |  |                                                                                                                                                                                                      |
| Operating system                                               |  | Android™ 13                                                                                                                                                                                          |
| Safety                                                         |  | Samsung KNOX 3.x                                                                                                                                                                                     |
| SMS/MMS                                                        |  | yes                                                                                                                                                                                                  |
| <b>Ambient conditions</b>                                      |  |                                                                                                                                                                                                      |
| Ambient temperature                                            |  | -20 ... 55 °C (-4 ... 131 °F)                                                                                                                                                                        |
| <b>Mechanical specifications</b>                               |  |                                                                                                                                                                                                      |
| Degree of protection                                           |  | IP64 according to EN/IEC 60079-0 (ATEX/IECEx)<br>IP68* according to EN/IEC 60529 (industrial standard) and MIL-STD-810H                                                                              |
| Mass                                                           |  | 610 g                                                                                                                                                                                                |
| Dimensions                                                     |  |                                                                                                                                                                                                      |
| W x H x D                                                      |  | 126.8 mm x 213.8 mm x 9.9 mm                                                                                                                                                                         |
| <b>Data for application in connection with hazardous areas</b> |  |                                                                                                                                                                                                      |
| ATEX approval                                                  |  |                                                                                                                                                                                                      |
| Certificate of conformity                                      |  | EPS 21 ATEX 1 093 X                                                                                                                                                                                  |
| ATEX marking                                                   |  | Ⓜ II 3G Ex ic IIC T5 Gc IP64<br>Ⓜ II 3D Ex ic IIIC T85°C Dc                                                                                                                                          |
| <b>International approvals</b>                                 |  |                                                                                                                                                                                                      |
| IECEx approval                                                 |  |                                                                                                                                                                                                      |
| IECEx certificate                                              |  | IECEx EPS 21.0033X                                                                                                                                                                                   |
| IECEx marking                                                  |  | Ex ic IIC T5 Gc IP64<br>Ex ic IIIC T85°C Dc                                                                                                                                                          |
| Approved for                                                   |  | Australia, New Zealand                                                                                                                                                                               |
| Further approvals                                              |  | MIL-STD-810H                                                                                                                                                                                         |
| <b>General information</b>                                     |  |                                                                                                                                                                                                      |
| Scope of delivery                                              |  | Tab-Ex® 03<br>Battery<br>Ex-protective cover<br>S Pen<br>USB cable<br>Charger<br>Documentation<br>Micro SD flash card                                                                                |

## Accessories



## Tablet computer

### Tab-Ex® 03 DZ2

TAB-EX03-DZ2-WWANANZ-CN-000-..



- NFC technology for wireless applications
- Comprehensive security thanks to Samsung KNOX
- Suitable for use with gloves
- Google ARCore
- Samsung DeX Mode
- MIL-STD-810H
- 64 GB internal memory
- Micro SD slot (up to 1 TB)
- Replaceable SIM
- Wireless connections such as WWAN, 4G LTE, WLAN and Bluetooth®
- 13 MP rear camera + 5 MP front camera

Tab-Ex 03 DZ2 (DIV 2 and Zone 2/22), latest available Android firmware release, WWAN (LTE) incl. Wi-Fi, with camera, version for Australia and New Zealand



## Technical Data

|                                   |  |                                                                                                     |
|-----------------------------------|--|-----------------------------------------------------------------------------------------------------|
| <b>Hardware</b>                   |  |                                                                                                     |
| Processor                         |  | Octa-core, 4 x 2.7 GHz + 4 x 1.7 GHz<br>Exynos 9810                                                 |
| RAM                               |  | 4 GB                                                                                                |
| Camera                            |  |                                                                                                     |
| Front camera                      |  | 5 MP                                                                                                |
| Main camera                       |  | 13 MP Autofocus                                                                                     |
| Video recording resolution        |  | UHD 4K (3840 x 2160 Pixel) @ 30 fps                                                                 |
| Internal data memory              |  | 64 GByte<br>Free available memory 48.6 GByte                                                        |
| Optional data memory              |  | Expandable to 1 TB with microSD card                                                                |
| Sensors                           |  | Acceleration sensor, gyroscope, proximity sensor, geomagnetic sensor, Hall sensor, RGB light sensor |
| Speaker                           |  | yes                                                                                                 |
| <b>Indicators/operating means</b> |  |                                                                                                     |
| Display                           |  | Can be operated while wearing gloves                                                                |
| Touchscreen technology            |  | Capacitive multitouch                                                                               |
| Type                              |  | TFT, LCD                                                                                            |
| Screen diagonal                   |  | 20.31 cm                                                                                            |
| Aspect ratio                      |  | 16:10                                                                                               |
| Resolution                        |  | 1920 x 1200 (WUXGA)                                                                                 |
| Brightness                        |  | 480 cd/m <sup>2</sup> (nit)                                                                         |
| Colors                            |  | 16 Mio.                                                                                             |
| <b>Electrical specifications</b>  |  |                                                                                                     |
| Battery type                      |  | Li-Ion 18.87 WH, 3.8 V<br>5050 mAh (typical)<br>4900 mAh (rated)                                    |
| Operating duration                |  | up to 11 h                                                                                          |
| <b>Communication</b>              |  |                                                                                                     |
| Mobile standard                   |  |                                                                                                     |

## Technical Data

|                                                                |                                                                                                                                                                                                      |
|----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2G                                                             | GSM 850 MHz, GSM 900 MHz, DCS 1800 MHz, PCS 1900 MHz                                                                                                                                                 |
| 3G                                                             | UMTS band: B1 (2100), B2 (1900), B4 (AWS), B5 (850), B8 (900)                                                                                                                                        |
| 4G                                                             | LTE FDD: B1 (2100), B2 (1900), B3 (1800), B4 (AWS), B5 (850), B7 (2600), B8 (900), B12 (700), B13 (700), B17 (700), B20 (800), B28 (700), B66 (AWS-3)<br>TDD LTE: B38 (2600), B40 (2300), B41 (2500) |
| WLAN                                                           | 802.11 a/b/g/n/AC/ax 2.4 G+5 GHz, HE80, MIMO, 1024 QAM                                                                                                                                               |
| Bluetooth                                                      | Bluetooth® 5.0                                                                                                                                                                                       |
| GPS sensor                                                     | GPS, Glonass, Beidou, Galileo                                                                                                                                                                        |
| USB                                                            | USB 3.1 Gen. 1                                                                                                                                                                                       |
| Connections                                                    | Wi-Fi Direct, NFC, ANT+                                                                                                                                                                              |
| SIM card                                                       | 1x Nano SIM (4FF)                                                                                                                                                                                    |
| <b>Software</b>                                                |                                                                                                                                                                                                      |
| Operating system                                               | Android™ 13                                                                                                                                                                                          |
| Safety                                                         | Samsung KNOX 3.x                                                                                                                                                                                     |
| SMS/MMS                                                        | yes                                                                                                                                                                                                  |
| <b>Ambient conditions</b>                                      |                                                                                                                                                                                                      |
| Ambient temperature                                            | -20 ... 55 °C (-4 ... 131 °F)                                                                                                                                                                        |
| <b>Mechanical specifications</b>                               |                                                                                                                                                                                                      |
| Degree of protection                                           | IP64 according to EN/IEC 60079-0 (ATEX/IECEX)<br>IP68* according to EN/IEC 60529 (industrial standard) and MIL-STD-810H                                                                              |
| Mass                                                           | 610 g                                                                                                                                                                                                |
| Dimensions                                                     |                                                                                                                                                                                                      |
| W x H x D                                                      | 126.8 mm x 213.8 mm x 9.9 mm                                                                                                                                                                         |
| <b>Data for application in connection with hazardous areas</b> |                                                                                                                                                                                                      |
| ATEX approval                                                  |                                                                                                                                                                                                      |
| Certificate of conformity                                      | EPS 21 ATEX 1 093 X                                                                                                                                                                                  |
| ATEX marking                                                   | Ⓔ II 3G Ex ic IIC T5 Gc IP64<br>Ⓔ II 3D Ex ic IIIC T85°C Dc                                                                                                                                          |
| <b>International approvals</b>                                 |                                                                                                                                                                                                      |
| IECEX approval                                                 |                                                                                                                                                                                                      |
| IECEX certificate                                              | IECEX EPS 21.0033X                                                                                                                                                                                   |
| IECEX marking                                                  | Ex ic IIC T5 Gc IP64<br>Ex ic IIIC T85°C Dc                                                                                                                                                          |
| Approved for                                                   | Australia, New Zealand                                                                                                                                                                               |
| Further approvals                                              | MIL-STD-810H                                                                                                                                                                                         |
| <b>General information</b>                                     |                                                                                                                                                                                                      |
| Scope of delivery                                              | Tab-Ex® 03<br>Battery<br>Ex-protective cover<br>S Pen<br>USB cable<br>Charger<br>Documentation                                                                                                       |

## Accessories



## Tablet computer

### Tab-Ex® 03 DZ2

TAB-EX03-DZ2-WIFIANZ-CS-000-..



- NFC technology for wireless applications
- Comprehensive security thanks to Samsung KNOX
- Suitable for use with gloves
- Google ARCore
- Samsung DeX Mode
- MIL-STD-810H
- 64 GB internal memory
- Micro SD slot (up to 1 TB)
- Micro SD slot, 512 GB
- 13 MP rear camera + 5 MP front camera

Tab-Ex 03 DZ2 (DIV 2 and Zone 2/22), latest available Android firmware release, Wi-Fi, with camera, with microSD card, version for Australia and New Zealand



## Technical Data

| Hardware                   |  |                                                                                                     |
|----------------------------|--|-----------------------------------------------------------------------------------------------------|
| Processor                  |  | Octa-core, 4 x 2.7 GHz + 4 x 1.7 GHz<br>Exynos 9810                                                 |
| RAM                        |  | 4 GB                                                                                                |
| Camera                     |  |                                                                                                     |
| Front camera               |  | 5 MP                                                                                                |
| Main camera                |  | 13 MP Autofocus                                                                                     |
| Video recording resolution |  | UHD 4K (3840 x 2160 Pixel) @ 30 fps                                                                 |
| Internal data memory       |  | 64 GByte<br>Free available memory 48.6 GByte                                                        |
| Optional data memory       |  | microSD (up to 1024 GB)<br>512 GB installed                                                         |
| Sensors                    |  | Acceleration sensor, gyroscope, proximity sensor, geomagnetic sensor, Hall sensor, RGB light sensor |
| Speaker                    |  | yes                                                                                                 |
| Indicators/operating means |  |                                                                                                     |
| Display                    |  | Can be operated while wearing gloves                                                                |
| Touchscreen technology     |  | Capacitive multitouch                                                                               |
| Type                       |  | TFT, LCD                                                                                            |
| Screen diagonal            |  | 20.31 cm                                                                                            |
| Aspect ratio               |  | 16:10                                                                                               |
| Resolution                 |  | 1920 x 1200 (WUXGA)                                                                                 |
| Brightness                 |  | 480 cd/m <sup>2</sup> (nit)                                                                         |
| Colors                     |  | 16 Mio.                                                                                             |
| Electrical specifications  |  |                                                                                                     |
| Battery type               |  | Li-Ion 18.87 WH, 3.8 V<br>5050 mAh (typical)<br>4900 mAh (rated)                                    |
| Operating duration         |  | up to 11 h                                                                                          |
| Communication              |  |                                                                                                     |
| WLAN                       |  | 802.11 a/b/g/n/AC/ax 2.4 G+5 GHz, HE80, MIMO, 1024 QAM                                              |
| Bluetooth                  |  | Bluetooth® 5.0                                                                                      |
| GPS sensor                 |  | GPS, Glonass, Beidou, Galileo                                                                       |

## Technical Data

|                                                                |                                                                                                                         |
|----------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| USB                                                            | USB 3.1 Gen. 1                                                                                                          |
| Connections                                                    | Wi-Fi Direct, NFC, ANT+                                                                                                 |
| <b>Software</b>                                                |                                                                                                                         |
| Operating system                                               | Android™ 13                                                                                                             |
| Safety                                                         | Samsung KNOX 3.x                                                                                                        |
| <b>Ambient conditions</b>                                      |                                                                                                                         |
| Ambient temperature                                            | -20 ... 55 °C (-4 ... 131 °F)                                                                                           |
| <b>Mechanical specifications</b>                               |                                                                                                                         |
| Degree of protection                                           | IP64 according to EN/IEC 60079-0 (ATEX/IECEX)<br>IP68* according to EN/IEC 60529 (industrial standard) and MIL-STD-810H |
| Mass                                                           | 610 g                                                                                                                   |
| Dimensions                                                     |                                                                                                                         |
| W x H x D                                                      | 126.8 mm x 213.8 mm x 9.9 mm                                                                                            |
| <b>Data for application in connection with hazardous areas</b> |                                                                                                                         |
| ATEX approval                                                  |                                                                                                                         |
| Certificate of conformity                                      | EPS 21 ATEX 1 093 X                                                                                                     |
| ATEX marking                                                   | Ⓜ II 3G Ex ic IIC T5 Gc IP64<br>Ⓜ II 3D Ex ic IIIC T85°C Dc                                                             |
| <b>International approvals</b>                                 |                                                                                                                         |
| IECEX approval                                                 |                                                                                                                         |
| IECEX certificate                                              | IECEX EPS 21.0033X                                                                                                      |
| IECEX marking                                                  | Ex ic IIC T5 Gc IP64<br>Ex ic IIIC T85°C Dc                                                                             |
| Approved for                                                   | Australia, New Zealand                                                                                                  |
| Further approvals                                              | MIL-STD-810H                                                                                                            |
| <b>General information</b>                                     |                                                                                                                         |
| Scope of delivery                                              | Tab-Ex® 03<br>Battery<br>Ex-protective cover<br>S Pen<br>USB cable<br>Charger<br>Documentation<br>Micro SD flash card   |

## Accessories



## Tablet computer

### Tab-Ex® 03 DZ2

TAB-EX03-DZ2-WIFIANZ-CN-000-..



- NFC technology for wireless applications
- Comprehensive security thanks to Samsung KNOX
- Suitable for use with gloves
- Google ARCore
- Samsung DeX Mode
- MIL-STD-810H
- 64 GB internal memory
- Micro SD slot (up to 1 TB)
- 13 MP rear camera + 5 MP front camera

Tab-Ex 03 DZ2 (DIV 2 and Zone 2/22), latest available Android firmware release, Wi-Fi, with camera, version for Australia and New Zealand



## Technical Data

### Hardware

|                            |                                                                                                     |
|----------------------------|-----------------------------------------------------------------------------------------------------|
| Processor                  | Octa-core, 4 x 2.7 GHz + 4 x 1.7 GHz<br>Exynos 9810                                                 |
| RAM                        | 4 GB                                                                                                |
| Camera                     |                                                                                                     |
| Front camera               | 5 MP                                                                                                |
| Main camera                | 13 MP Autofocus                                                                                     |
| Video recording resolution | UHD 4K (3840 x 2160 Pixel) @ 30 fps                                                                 |
| Internal data memory       | 64 GByte<br>Free available memory 48.6 GByte                                                        |
| Optional data memory       | Expandable to 1 TB with microSD card                                                                |
| Sensors                    | Acceleration sensor, gyroscope, proximity sensor, geomagnetic sensor, Hall sensor, RGB light sensor |
| Speaker                    | yes                                                                                                 |

### Indicators/operating means

|                        |                                      |
|------------------------|--------------------------------------|
| Display                | Can be operated while wearing gloves |
| Touchscreen technology | Capacitive multitouch                |
| Type                   | TFT, LCD                             |
| Screen diagonal        | 20.31 cm                             |
| Aspect ratio           | 16:10                                |
| Resolution             | 1920 x 1200 (WUXGA)                  |
| Brightness             | 480 cd/m <sup>2</sup> (nit)          |
| Colors                 | 16 Mio.                              |

### Electrical specifications

|                    |                                                                  |
|--------------------|------------------------------------------------------------------|
| Battery type       | Li-Ion 18.87 WH, 3.8 V<br>5050 mAh (typical)<br>4900 mAh (rated) |
| Operating duration | up to 11 h                                                       |

### Communication

|             |                                                        |
|-------------|--------------------------------------------------------|
| WLAN        | 802.11 a/b/g/n/AC/ax 2.4 G+5 GHz, HE80, MIMO, 1024 QAM |
| Bluetooth   | Bluetooth® 5.0                                         |
| GPS sensor  | GPS, Glonass, Beidou, Galileo                          |
| USB         | USB 3.1 Gen. 1                                         |
| Connections | Wi-Fi Direct, NFC, ANT+                                |

## Technical Data

### Software

|                  |                  |
|------------------|------------------|
| Operating system | Android™ 13      |
| Safety           | Samsung KNOX 3.x |

### Ambient conditions

|                     |                               |
|---------------------|-------------------------------|
| Ambient temperature | -20 ... 55 °C (-4 ... 131 °F) |
|---------------------|-------------------------------|

### Mechanical specifications

|                      |                                                                                                                         |
|----------------------|-------------------------------------------------------------------------------------------------------------------------|
| Degree of protection | IP64 according to EN/IEC 60079-0 (ATEX/IECEX)<br>IP68* according to EN/IEC 60529 (industrial standard) and MIL-STD-810H |
| Mass                 | 610 g                                                                                                                   |
| Dimensions           |                                                                                                                         |
| W x H x D            | 126.8 mm x 213.8 mm x 9.9 mm                                                                                            |

### Data for application in connection with hazardous areas

|                           |                                                             |
|---------------------------|-------------------------------------------------------------|
| ATEX approval             |                                                             |
| Certificate of conformity | EPS 21 ATEX 1 093 X                                         |
| ATEX marking              | Ⓔ II 3G Ex ic IIC T5 Gc IP64<br>Ⓔ II 3D Ex ic IIIC T85°C Dc |

### International approvals

|                   |                                             |
|-------------------|---------------------------------------------|
| IECEX approval    |                                             |
| IECEX certificate | IECEX EPS 21.0033X                          |
| IECEX marking     | Ex ic IIC T5 Gc IP64<br>Ex ic IIIC T85°C Dc |
| Approved for      | Australia, New Zealand                      |
| Further approvals | MIL-STD-810H                                |

### General information

|                   |                                                                                                |
|-------------------|------------------------------------------------------------------------------------------------|
| Scope of delivery | Tab-Ex® 03<br>Battery<br>Ex-protective cover<br>S Pen<br>USB cable<br>Charger<br>Documentation |
|-------------------|------------------------------------------------------------------------------------------------|

## Accessories



## Tablet computer

### Tab-Ex® 03 DZ2

TAB-EX03-DZ2-WWANEUR-  
NN-000-..



- NFC technology for wireless applications
- Comprehensive security thanks to Samsung KNOX
- Suitable for use with gloves
- Google ARCore
- Samsung DeX Mode
- MIL-STD-810H
- 64 GB internal memory
- Micro SD slot (up to 1 TB)
- Replaceable SIM
- Wireless connections such as WWAN, 4G LTE, WLAN and Bluetooth®

Tab-Ex 03 DZ2 (DIV 2 and Zone 2/22), latest available Android firmware release, WWAN (LTE) incl. Wi-Fi, no camera, version for Europe



## Technical Data

### Hardware

|                      |                                                                                                     |
|----------------------|-----------------------------------------------------------------------------------------------------|
| Processor            | Octa-core, 4 x 2.7 GHz + 4 x 1.7 GHz<br>Exynos 9810                                                 |
| RAM                  | 4 GB                                                                                                |
| Internal data memory | 64 GByte<br>Free available memory 48.6 GByte                                                        |
| Optional data memory | Expandable to 1 TB with microSD card                                                                |
| Sensors              | Acceleration sensor, gyroscope, proximity sensor, geomagnetic sensor, Hall sensor, RGB light sensor |
| Speaker              | yes                                                                                                 |

### Indicators/operating means

|                        |                                      |
|------------------------|--------------------------------------|
| Display                | Can be operated while wearing gloves |
| Touchscreen technology | Capacitive multitouch                |
| Type                   | TFT, LCD                             |
| Screen diagonal        | 20.31 cm                             |
| Aspect ratio           | 16:10                                |
| Resolution             | 1920 x 1200 (WUXGA)                  |
| Brightness             | 480 cd/m <sup>2</sup> (nit)          |
| Colors                 | 16 Mio.                              |

### Electrical specifications

|                    |                                                                  |
|--------------------|------------------------------------------------------------------|
| Battery type       | Li-Ion 18.87 WH, 3.8 V<br>5050 mAh (typical)<br>4900 mAh (rated) |
| Operating duration | up to 11 h                                                       |

### Communication

|                 |                                                                                                                                                                                                      |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Mobile standard |                                                                                                                                                                                                      |
| 2G              | GSM 850 MHz, GSM 900 MHz, DCS 1800 MHz, PCS 1900 MHz                                                                                                                                                 |
| 3G              | UMTS band: B1 (2100), B2 (1900), B4 (AWS), B5 (850), B8 (900)                                                                                                                                        |
| 4G              | LTE FDD: B1 (2100), B2 (1900), B3 (1800), B4 (AWS), B5 (850), B7 (2600), B8 (900), B12 (700), B13 (700), B17 (700), B20 (800), B28 (700), B66 (AWS-3)<br>TDD LTE: B38 (2600), B40 (2300), B41 (2500) |
| WLAN            | 802.11 a/b/g/n/AC/ax 2.4 G+5 GHz, HE80, MIMO, 1024 QAM                                                                                                                                               |



## Technical Data

|                                                                |                                                                                                                         |
|----------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Bluetooth                                                      | Bluetooth® 5.0                                                                                                          |
| GPS sensor                                                     | GPS, Glonass, Beidou, Galileo                                                                                           |
| USB                                                            | USB 3.1 Gen. 1                                                                                                          |
| Connections                                                    | Wi-Fi Direct, NFC, ANT+                                                                                                 |
| SIM card                                                       | 1x Nano SIM (4FF)                                                                                                       |
| <b>Software</b>                                                |                                                                                                                         |
| Operating system                                               | Android™ 13                                                                                                             |
| Safety                                                         | Samsung KNOX 3.x                                                                                                        |
| SMS/MMS                                                        | yes                                                                                                                     |
| <b>Ambient conditions</b>                                      |                                                                                                                         |
| Ambient temperature                                            | -20 ... 55 °C (-4 ... 131 °F)                                                                                           |
| <b>Mechanical specifications</b>                               |                                                                                                                         |
| Degree of protection                                           | IP64 according to EN/IEC 60079-0 (ATEX/IECEX)<br>IP68* according to EN/IEC 60529 (industrial standard) and MIL-STD-810H |
| Mass                                                           | 610 g                                                                                                                   |
| Dimensions                                                     |                                                                                                                         |
| W x H x D                                                      | 126.8 mm x 213.8 mm x 9.9 mm                                                                                            |
| <b>Data for application in connection with hazardous areas</b> |                                                                                                                         |
| ATEX approval                                                  |                                                                                                                         |
| Certificate of conformity                                      | EPS 21 ATEX 1 093 X                                                                                                     |
| ATEX marking                                                   | Ⓜ II 3G Ex ic IIC T5 Gc IP64<br>Ⓜ II 3D Ex ic IIIC T85°C Dc                                                             |
| <b>International approvals</b>                                 |                                                                                                                         |
| IECEX approval                                                 |                                                                                                                         |
| IECEX certificate                                              | IECEX EPS 21.0033X                                                                                                      |
| IECEX marking                                                  | Ex ic IIC T5 Gc IP64<br>Ex ic IIIC T85°C Dc                                                                             |
| Approved for                                                   | Europe                                                                                                                  |
| Further approvals                                              | MIL-STD-810H                                                                                                            |
| <b>General information</b>                                     |                                                                                                                         |
| Scope of delivery                                              | Tab-Ex® 03<br>Battery<br>Ex-protective cover<br>S Pen<br>USB cable<br>Charger<br>Documentation                          |

## Accessories



## Tablet computer

### Tab-Ex® 03 DZ2

#### TAB-EX03-DZ2-WIFIEUR-CN-000-NC



- NFC technology for wireless applications
- Comprehensive security thanks to Samsung KNOX
- Suitable for use with gloves
- Google ARCore
- Samsung DeX Mode
- MIL-STD-810H
- 64 GB internal memory
- Micro SD slot (up to 1 TB)
- 13 MP rear camera + 5 MP front camera

Tab-Ex 03 DZ2 (DIV 2 and Zone 2/22), latest available Android firmware release, Wi-Fi, with camera, no charger, version for Europe



## Technical Data

### Hardware

|                            |                                                                                                     |
|----------------------------|-----------------------------------------------------------------------------------------------------|
| Processor                  | Octa-core, 4 x 2.7 GHz + 4 x 1.7 GHz<br>Exynos 9810                                                 |
| RAM                        | 4 GB                                                                                                |
| Camera                     |                                                                                                     |
| Front camera               | 5 MP                                                                                                |
| Main camera                | 13 MP Autofocus                                                                                     |
| Video recording resolution | UHD 4K (3840 x 2160 Pixel) @ 30 fps                                                                 |
| Internal data memory       | 64 GByte<br>Free available memory 48.6 GByte                                                        |
| Optional data memory       | Expandable to 1 TB with microSD card                                                                |
| Sensors                    | Acceleration sensor, gyroscope, proximity sensor, geomagnetic sensor, Hall sensor, RGB light sensor |
| Speaker                    | yes                                                                                                 |

### Indicators/operating means

|                        |                                      |
|------------------------|--------------------------------------|
| Display                | Can be operated while wearing gloves |
| Touchscreen technology | Capacitive multitouch                |
| Type                   | TFT, LCD                             |
| Screen diagonal        | 20.31 cm                             |
| Aspect ratio           | 16:10                                |
| Resolution             | 1920 x 1200 (WUXGA)                  |
| Brightness             | 480 cd/m <sup>2</sup> (nit)          |
| Colors                 | 16 Mio.                              |

### Electrical specifications

|                    |                                                                  |
|--------------------|------------------------------------------------------------------|
| Battery type       | Li-Ion 18.87 WH, 3.8 V<br>5050 mAh (typical)<br>4900 mAh (rated) |
| Operating duration | up to 11 h                                                       |

### Communication

|             |                                                        |
|-------------|--------------------------------------------------------|
| WLAN        | 802.11 a/b/g/n/AC/ax 2.4 G+5 GHz, HE80, MIMO, 1024 QAM |
| Bluetooth   | Bluetooth® 5.0                                         |
| GPS sensor  | GPS, Glonass, Beidou, Galileo                          |
| USB         | USB 3.1 Gen. 1                                         |
| Connections | Wi-Fi Direct, NFC, ANT+                                |

Technical Data

|                                                         |  |                                                                                                                         |
|---------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------|
| Software                                                |  |                                                                                                                         |
| Operating system                                        |  | Android™ 13                                                                                                             |
| Safety                                                  |  | Samsung KNOX 3.x                                                                                                        |
| Ambient conditions                                      |  |                                                                                                                         |
| Ambient temperature                                     |  | -20 ... 55 °C (-4 ... 131 °F)                                                                                           |
| Mechanical specifications                               |  |                                                                                                                         |
| Degree of protection                                    |  | IP64 according to EN/IEC 60079-0 (ATEX/IECEX)<br>IP68* according to EN/IEC 60529 (industrial standard) and MIL-STD-810H |
| Mass                                                    |  | 610 g                                                                                                                   |
| Dimensions                                              |  |                                                                                                                         |
| W x H x D                                               |  | 126.8 mm x 213.8 mm x 9.9 mm                                                                                            |
| Data for application in connection with hazardous areas |  |                                                                                                                         |
| ATEX approval                                           |  |                                                                                                                         |
| Certificate of conformity                               |  | EPS 21 ATEX 1 093 X                                                                                                     |
| ATEX marking                                            |  | Ⓔ II 3G Ex ic IIC T5 Gc IP64<br>Ⓔ II 3D Ex ic IIIC T85°C Dc                                                             |
| International approvals                                 |  |                                                                                                                         |
| IECEX approval                                          |  |                                                                                                                         |
| IECEX certificate                                       |  | IECEX EPS 21.0033X                                                                                                      |
| IECEX marking                                           |  | Ex ic IIC T5 Gc IP64<br>Ex ic IIIC T85°C Dc                                                                             |
| Approved for                                            |  | Europe                                                                                                                  |
| Further approvals                                       |  | MIL-STD-810H                                                                                                            |
| General information                                     |  |                                                                                                                         |
| Scope of delivery                                       |  | Tab-Ex® 03<br>Battery<br>Ex-protective cover<br>S Pen<br>USB cable<br>Documentation                                     |

Accessories



## Tablet computer

### Tab-Ex® 03 DZ2

#### TAB-EX03-DZ2-WIFIEUR-CS-000-NC



- NFC technology for wireless applications
- Comprehensive security thanks to Samsung KNOX
- Suitable for use with gloves
- Google ARCore
- Samsung DeX Mode
- MIL-STD-810H
- 64 GB internal memory
- Micro SD slot (up to 1 TB)
- Micro SD slot, 512 GB
- 13 MP rear camera + 5 MP front camera

Tab-Ex 03 DZ2 (DIV 2 and Zone 2/22), latest available Android firmware release, Wi-Fi, with camera, with microSD card, no charger, version for Europe



## Technical Data

| Hardware                   |  |                                                                                                     |
|----------------------------|--|-----------------------------------------------------------------------------------------------------|
| Processor                  |  | Octa-core, 4 x 2.7 GHz + 4 x 1.7 GHz<br>Exynos 9810                                                 |
| RAM                        |  | 4 GB                                                                                                |
| Camera                     |  |                                                                                                     |
| Front camera               |  | 5 MP                                                                                                |
| Main camera                |  | 13 MP Autofocus                                                                                     |
| Video recording resolution |  | UHD 4K (3840 x 2160 Pixel) @ 30 fps                                                                 |
| Internal data memory       |  | 64 GByte<br>Free available memory 48.6 GByte                                                        |
| Optional data memory       |  | microSD (up to 1024 GB)<br>512 GB installed                                                         |
| Sensors                    |  | Acceleration sensor, gyroscope, proximity sensor, geomagnetic sensor, Hall sensor, RGB light sensor |
| Speaker                    |  | yes                                                                                                 |
| Indicators/operating means |  |                                                                                                     |
| Display                    |  | Can be operated while wearing gloves                                                                |
| Touchscreen technology     |  | Capacitive multitouch                                                                               |
| Type                       |  | TFT, LCD                                                                                            |
| Screen diagonal            |  | 20.31 cm                                                                                            |
| Aspect ratio               |  | 16:10                                                                                               |
| Resolution                 |  | 1920 x 1200 (WUXGA)                                                                                 |
| Brightness                 |  | 480 cd/m <sup>2</sup> (nit)                                                                         |
| Colors                     |  | 16 Mio.                                                                                             |
| Electrical specifications  |  |                                                                                                     |
| Battery type               |  | Li-Ion 18.87 WH, 3.8 V<br>5050 mAh (typical)<br>4900 mAh (rated)                                    |
| Operating duration         |  | up to 11 h                                                                                          |
| Communication              |  |                                                                                                     |
| WLAN                       |  | 802.11 a/b/g/n/AC/ax 2.4 G+5 GHz, HE80, MIMO, 1024 QAM                                              |
| Bluetooth                  |  | Bluetooth® 5.0                                                                                      |
| GPS sensor                 |  | GPS, Glonass, Beidou, Galileo                                                                       |

## Technical Data

|                                                                |                                                                                                                         |
|----------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| USB                                                            | USB 3.1 Gen. 1                                                                                                          |
| Connections                                                    | Wi-Fi Direct, NFC, ANT+                                                                                                 |
| <b>Software</b>                                                |                                                                                                                         |
| Operating system                                               | Android™ 13                                                                                                             |
| Safety                                                         | Samsung KNOX 3.x                                                                                                        |
| <b>Ambient conditions</b>                                      |                                                                                                                         |
| Ambient temperature                                            | -20 ... 55 °C (-4 ... 131 °F)                                                                                           |
| <b>Mechanical specifications</b>                               |                                                                                                                         |
| Degree of protection                                           | IP64 according to EN/IEC 60079-0 (ATEX/IECEX)<br>IP68* according to EN/IEC 60529 (industrial standard) and MIL-STD-810H |
| Mass                                                           | 610 g                                                                                                                   |
| Dimensions                                                     |                                                                                                                         |
| W x H x D                                                      | 126.8 mm x 213.8 mm x 9.9 mm                                                                                            |
| <b>Data for application in connection with hazardous areas</b> |                                                                                                                         |
| ATEX approval                                                  |                                                                                                                         |
| Certificate of conformity                                      | EPS 21 ATEX 1 093 X                                                                                                     |
| ATEX marking                                                   | Ⓔ II 3G Ex ic IIC T5 Gc IP64<br>Ⓔ II 3D Ex ic IIIC T85°C Dc                                                             |
| <b>International approvals</b>                                 |                                                                                                                         |
| IECEX approval                                                 |                                                                                                                         |
| IECEX certificate                                              | IECEX EPS 21.0033X                                                                                                      |
| IECEX marking                                                  | Ex ic IIC T5 Gc IP64<br>Ex ic IIIC T85°C Dc                                                                             |
| Approved for                                                   | Europe                                                                                                                  |
| Further approvals                                              | MIL-STD-810H                                                                                                            |
| <b>General information</b>                                     |                                                                                                                         |
| Scope of delivery                                              | Tab-Ex® 03<br>Battery<br>Ex-protective cover<br>S Pen<br>USB cable<br>Documentation<br>Micro SD flash card              |

## Accessories



## Tablet computer

### Tab-Ex® 03 DZ2

TAB-EX03-DZ2-WWANEUR-  
CN-000-NC



- NFC technology for wireless applications
- Comprehensive security thanks to Samsung KNOX
- Suitable for use with gloves
- Google ARCore
- Samsung DeX Mode
- MIL-STD-810H
- 64 GB internal memory
- Micro SD slot (up to 1 TB)
- Replaceable SIM
- Wireless connections such as WWAN, 4G LTE, WLAN and Bluetooth®
- 13 MP rear camera + 5 MP front camera

Tab-Ex 03 DZ2 (DIV 2 and Zone 2/22), latest available Android firmware release, WWAN (LTE) incl. Wi-Fi, with camera, no charger, version for Europe



## Technical Data

### Hardware

|                            |                                                                                                     |
|----------------------------|-----------------------------------------------------------------------------------------------------|
| Processor                  | Octa-core, 4 x 2.7 GHz + 4 x 1.7 GHz<br>Exynos 9810                                                 |
| RAM                        | 4 GB                                                                                                |
| Camera                     |                                                                                                     |
| Front camera               | 5 MP                                                                                                |
| Main camera                | 13 MP Autofocus                                                                                     |
| Video recording resolution | UHD 4K (3840 x 2160 Pixel) @ 30 fps                                                                 |
| Internal data memory       | 64 GByte<br>Free available memory 48.6 GByte                                                        |
| Optional data memory       | Expandable to 1 TB with microSD card                                                                |
| Sensors                    | Acceleration sensor, gyroscope, proximity sensor, geomagnetic sensor, Hall sensor, RGB light sensor |
| Speaker                    | yes                                                                                                 |

### Indicators/operating means

|                        |                                      |
|------------------------|--------------------------------------|
| Display                | Can be operated while wearing gloves |
| Touchscreen technology | Capacitive multitouch                |
| Type                   | TFT, LCD                             |
| Screen diagonal        | 20.31 cm                             |
| Aspect ratio           | 16:10                                |
| Resolution             | 1920 x 1200 (WUXGA)                  |
| Brightness             | 480 cd/m <sup>2</sup> (nit)          |
| Colors                 | 16 Mio.                              |

### Electrical specifications

|                    |                                                                  |
|--------------------|------------------------------------------------------------------|
| Battery type       | Li-Ion 18.87 WH, 3.8 V<br>5050 mAh (typical)<br>4900 mAh (rated) |
| Operating duration | up to 11 h                                                       |

### Communication

|                 |  |
|-----------------|--|
| Mobile standard |  |
|-----------------|--|

## Technical Data

|                                                                |                                                                                                                                                                                                      |
|----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2G                                                             | GSM 850 MHz, GSM 900 MHz, DCS 1800 MHz, PCS 1900 MHz                                                                                                                                                 |
| 3G                                                             | UMTS band: B1 (2100), B2 (1900), B4 (AWS), B5 (850), B8 (900)                                                                                                                                        |
| 4G                                                             | LTE FDD: B1 (2100), B2 (1900), B3 (1800), B4 (AWS), B5 (850), B7 (2600), B8 (900), B12 (700), B13 (700), B17 (700), B20 (800), B28 (700), B66 (AWS-3)<br>TDD LTE: B38 (2600), B40 (2300), B41 (2500) |
| WLAN                                                           | 802.11 a/b/g/n/AC/ax 2.4 G+5 GHz, HE80, MIMO, 1024 QAM                                                                                                                                               |
| Bluetooth                                                      | Bluetooth® 5.0                                                                                                                                                                                       |
| GPS sensor                                                     | GPS, Glonass, Beidou, Galileo                                                                                                                                                                        |
| USB                                                            | USB 3.1 Gen. 1                                                                                                                                                                                       |
| Connections                                                    | Wi-Fi Direct, NFC, ANT+                                                                                                                                                                              |
| SIM card                                                       | 1x Nano SIM (4FF)                                                                                                                                                                                    |
| <b>Software</b>                                                |                                                                                                                                                                                                      |
| Operating system                                               | Android™ 13                                                                                                                                                                                          |
| Safety                                                         | Samsung KNOX 3.x                                                                                                                                                                                     |
| SMS/MMS                                                        | yes                                                                                                                                                                                                  |
| <b>Ambient conditions</b>                                      |                                                                                                                                                                                                      |
| Ambient temperature                                            | -20 ... 55 °C (-4 ... 131 °F)                                                                                                                                                                        |
| <b>Mechanical specifications</b>                               |                                                                                                                                                                                                      |
| Degree of protection                                           | IP64 according to EN/IEC 60079-0 (ATEX/IECEX)<br>IP68* according to EN/IEC 60529 (industrial standard) and MIL-STD-810H                                                                              |
| Mass                                                           | 610 g                                                                                                                                                                                                |
| Dimensions                                                     |                                                                                                                                                                                                      |
| W x H x D                                                      | 126.8 mm x 213.8 mm x 9.9 mm                                                                                                                                                                         |
| <b>Data for application in connection with hazardous areas</b> |                                                                                                                                                                                                      |
| ATEX approval                                                  |                                                                                                                                                                                                      |
| Certificate of conformity                                      | EPS 21 ATEX 1 093 X                                                                                                                                                                                  |
| ATEX marking                                                   | Ⓔ II 3G Ex ic IIC T5 Gc IP64<br>Ⓔ II 3D Ex ic IIIC T85°C Dc                                                                                                                                          |
| <b>International approvals</b>                                 |                                                                                                                                                                                                      |
| IECEX approval                                                 |                                                                                                                                                                                                      |
| IECEX certificate                                              | IECEX EPS 21.0033X                                                                                                                                                                                   |
| IECEX marking                                                  | Ex ic IIC T5 Gc IP64<br>Ex ic IIIC T85°C Dc                                                                                                                                                          |
| Approved for                                                   | Europe                                                                                                                                                                                               |
| Further approvals                                              | MIL-STD-810H                                                                                                                                                                                         |
| <b>General information</b>                                     |                                                                                                                                                                                                      |
| Scope of delivery                                              | Tab-Ex® 03<br>Battery<br>Ex-protective cover<br>S Pen<br>USB cable<br>Documentation                                                                                                                  |

## Accessories



## Tablet computer

### Tab-Ex® 03 DZ2

#### TAB-EX03-DZ2-WWANEUR-CS-000-NC



- NFC technology for wireless applications
- Comprehensive security thanks to Samsung KNOX
- Suitable for use with gloves
- Google ARCore
- Samsung DeX Mode
- MIL-STD-810H
- 64 GB internal memory
- Micro SD slot (up to 1 TB)
- Replaceable SIM
- Wireless connections such as WWAN, 4G LTE, WLAN and Bluetooth®
- Micro SD slot, 512 GB
- 13 MP rear camera + 5 MP front camera

Tab-Ex 03 DZ2 (DIV 2 and Zone 2/22), latest available Android firmware release, WWAN (LTE) incl. Wi-Fi, with camera, with microSD card, no charger, version for Europe



## Technical Data

| Hardware                   |  |                                                                                                     |
|----------------------------|--|-----------------------------------------------------------------------------------------------------|
| Processor                  |  | Octa-core, 4 x 2.7 GHz + 4 x 1.7 GHz<br>Exynos 9810                                                 |
| RAM                        |  | 4 GB                                                                                                |
| Camera                     |  |                                                                                                     |
| Front camera               |  | 5 MP                                                                                                |
| Main camera                |  | 13 MP Autofocus                                                                                     |
| Video recording resolution |  | UHD 4K (3840 x 2160 Pixel) @ 30 fps                                                                 |
| Internal data memory       |  | 64 GByte<br>Free available memory 48.6 GByte                                                        |
| Optional data memory       |  | microSD (up to 1024 GB)<br>512 GB installed                                                         |
| Sensors                    |  | Acceleration sensor, gyroscope, proximity sensor, geomagnetic sensor, Hall sensor, RGB light sensor |
| Speaker                    |  | yes                                                                                                 |
| Indicators/operating means |  |                                                                                                     |
| Display                    |  | Can be operated while wearing gloves                                                                |
| Touchscreen technology     |  | Capacitive multitouch                                                                               |
| Type                       |  | TFT, LCD                                                                                            |
| Screen diagonal            |  | 20.31 cm                                                                                            |
| Aspect ratio               |  | 16:10                                                                                               |
| Resolution                 |  | 1920 x 1200 (WUXGA)                                                                                 |
| Brightness                 |  | 480 cd/m <sup>2</sup> (nit)                                                                         |
| Colors                     |  | 16 Mio.                                                                                             |
| Electrical specifications  |  |                                                                                                     |
| Battery type               |  | Li-Ion 18.87 WH, 3.8 V<br>5050 mAh (typical)<br>4900 mAh (rated)                                    |
| Operating duration         |  | up to 11 h                                                                                          |
| Communication              |  |                                                                                                     |



## Technical Data

|                                                                |  |                                                                                                                                                                                                      |
|----------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Mobile standard                                                |  |                                                                                                                                                                                                      |
| 2G                                                             |  | GSM 850 MHz, GSM 900 MHz, DCS 1800 MHz, PCS 1900 MHz                                                                                                                                                 |
| 3G                                                             |  | UMTS band: B1 (2100), B2 (1900), B4 (AWS), B5 (850), B8 (900)                                                                                                                                        |
| 4G                                                             |  | LTE FDD: B1 (2100), B2 (1900), B3 (1800), B4 (AWS), B5 (850), B7 (2600), B8 (900), B12 (700), B13 (700), B17 (700), B20 (800), B28 (700), B66 (AWS-3)<br>TDD LTE: B38 (2600), B40 (2300), B41 (2500) |
| WLAN                                                           |  | 802.11 a/b/g/n/AC/ax 2.4 G+5 GHz, HE80, MIMO, 1024 QAM                                                                                                                                               |
| Bluetooth                                                      |  | Bluetooth® 5.0                                                                                                                                                                                       |
| GPS sensor                                                     |  | GPS, Glonass, Beidou, Galileo                                                                                                                                                                        |
| USB                                                            |  | USB 3.1 Gen. 1                                                                                                                                                                                       |
| Connections                                                    |  | Wi-Fi Direct, NFC, ANT+                                                                                                                                                                              |
| SIM card                                                       |  | 1x Nano SIM (4FF)                                                                                                                                                                                    |
| <b>Software</b>                                                |  |                                                                                                                                                                                                      |
| Operating system                                               |  | Android™ 13                                                                                                                                                                                          |
| Safety                                                         |  | Samsung KNOX 3.x                                                                                                                                                                                     |
| SMS/MMS                                                        |  | yes                                                                                                                                                                                                  |
| <b>Ambient conditions</b>                                      |  |                                                                                                                                                                                                      |
| Ambient temperature                                            |  | -20 ... 55 °C (-4 ... 131 °F)                                                                                                                                                                        |
| <b>Mechanical specifications</b>                               |  |                                                                                                                                                                                                      |
| Degree of protection                                           |  | IP64 according to EN/IEC 60079-0 (ATEX/IECEX)<br>IP68* according to EN/IEC 60529 (industrial standard) and MIL-STD-810H                                                                              |
| Mass                                                           |  | 610 g                                                                                                                                                                                                |
| Dimensions                                                     |  |                                                                                                                                                                                                      |
| W x H x D                                                      |  | 126.8 mm x 213.8 mm x 9.9 mm                                                                                                                                                                         |
| <b>Data for application in connection with hazardous areas</b> |  |                                                                                                                                                                                                      |
| ATEX approval                                                  |  |                                                                                                                                                                                                      |
| Certificate of conformity                                      |  | EPS 21 ATEX 1 093 X                                                                                                                                                                                  |
| ATEX marking                                                   |  | Ⓔ II 3G Ex ic IIC T5 Gc IP64<br>Ⓔ II 3D Ex ic IIIC T85°C Dc                                                                                                                                          |
| <b>International approvals</b>                                 |  |                                                                                                                                                                                                      |
| IECEX approval                                                 |  |                                                                                                                                                                                                      |
| IECEX certificate                                              |  | IECEX EPS 21.0033X                                                                                                                                                                                   |
| IECEX marking                                                  |  | Ex ic IIC T5 Gc IP64<br>Ex ic IIIC T85°C Dc                                                                                                                                                          |
| Approved for                                                   |  | Europe                                                                                                                                                                                               |
| Further approvals                                              |  | MIL-STD-810H                                                                                                                                                                                         |
| <b>General information</b>                                     |  |                                                                                                                                                                                                      |
| Scope of delivery                                              |  | Tab-Ex® 03<br>Battery<br>Ex-protective cover<br>S Pen<br>USB cable<br>Documentation<br>Micro SD flash card                                                                                           |

## Accessories



## Tablet computer

### Tab-Ex® 03 DZ2

TAB-EX03-DZ2-WIFITHA-CN-000-..



- NFC technology for wireless applications
- Comprehensive security thanks to Samsung KNOX
- Suitable for use with gloves
- Google ARCore
- Samsung DeX Mode
- MIL-STD-810H
- 64 GB internal memory
- Micro SD slot (up to 1 TB)
- 13 MP rear camera + 5 MP front camera

Tab-Ex 03 DZ2 (DIV 2 and Zone 2/22), latest available Android firmware release, Wi-Fi, with camera, version for Thailand



## Technical Data

### Hardware

|                            |                                                                                                     |
|----------------------------|-----------------------------------------------------------------------------------------------------|
| Processor                  | Octa-core, 4 x 2.7 GHz + 4 x 1.7 GHz<br>Exynos 9810                                                 |
| RAM                        | 4 GB                                                                                                |
| Camera                     |                                                                                                     |
| Front camera               | 5 MP                                                                                                |
| Main camera                | 13 MP Autofocus                                                                                     |
| Video recording resolution | UHD 4K (3840 x 2160 Pixel) @ 30 fps                                                                 |
| Internal data memory       | 64 GByte<br>Free available memory 48.6 GByte                                                        |
| Optional data memory       | Expandable to 1 TB with microSD card                                                                |
| Sensors                    | Acceleration sensor, gyroscope, proximity sensor, geomagnetic sensor, Hall sensor, RGB light sensor |
| Speaker                    | yes                                                                                                 |

### Indicators/operating means

|                        |                                      |
|------------------------|--------------------------------------|
| Display                | Can be operated while wearing gloves |
| Touchscreen technology | Capacitive multitouch                |
| Type                   | TFT, LCD                             |
| Screen diagonal        | 20.31 cm                             |
| Aspect ratio           | 16:10                                |
| Resolution             | 1920 x 1200 (WUXGA)                  |
| Brightness             | 480 cd/m <sup>2</sup> (nit)          |
| Colors                 | 16 Mio.                              |

### Electrical specifications

|                    |                                                                  |
|--------------------|------------------------------------------------------------------|
| Battery type       | Li-Ion 18.87 WH, 3.8 V<br>5050 mAh (typical)<br>4900 mAh (rated) |
| Operating duration | up to 11 h                                                       |

### Communication

|             |                                                        |
|-------------|--------------------------------------------------------|
| WLAN        | 802.11 a/b/g/n/AC/ax 2.4 G+5 GHz, HE80, MIMO, 1024 QAM |
| Bluetooth   | Bluetooth® 5.0                                         |
| GPS sensor  | GPS, Glonass, Beidou, Galileo                          |
| USB         | USB 3.1 Gen. 1                                         |
| Connections | Wi-Fi Direct, NFC, ANT+                                |

## Technical Data

|                                                                |                                                                                                                         |
|----------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| SIM card                                                       | 1x Nano SIM (4FF)                                                                                                       |
| <b>Software</b>                                                |                                                                                                                         |
| Operating system                                               | Android™ 13                                                                                                             |
| Safety                                                         | Samsung KNOX 3.x                                                                                                        |
| SMS/MMS                                                        | yes                                                                                                                     |
| <b>Ambient conditions</b>                                      |                                                                                                                         |
| Ambient temperature                                            | -20 ... 55 °C (-4 ... 131 °F)                                                                                           |
| <b>Mechanical specifications</b>                               |                                                                                                                         |
| Degree of protection                                           | IP64 according to EN/IEC 60079-0 (ATEX/IECEX)<br>IP68* according to EN/IEC 60529 (industrial standard) and MIL-STD-810H |
| Mass                                                           | 610 g                                                                                                                   |
| Dimensions                                                     |                                                                                                                         |
| W x H x D                                                      | 126.8 mm x 213.8 mm x 9.9 mm                                                                                            |
| <b>Data for application in connection with hazardous areas</b> |                                                                                                                         |
| ATEX approval                                                  |                                                                                                                         |
| Certificate of conformity                                      | EPS 21 ATEX 1 093 X                                                                                                     |
| ATEX marking                                                   | Ⓔ II 3G Ex ic IIC T5 Gc IP64<br>Ⓔ II 3D Ex ic IIIC T85°C Dc                                                             |
| <b>International approvals</b>                                 |                                                                                                                         |
| IECEX approval                                                 |                                                                                                                         |
| IECEX certificate                                              | IECEX EPS 21.0033X                                                                                                      |
| IECEX marking                                                  | Ex ic IIC T5 Gc IP64<br>Ex ic IIIC T85°C Dc                                                                             |
| Approved for                                                   | Thailand                                                                                                                |
| Further approvals                                              | MIL-STD-810H                                                                                                            |
| <b>General information</b>                                     |                                                                                                                         |
| Scope of delivery                                              | Tab-Ex® 03<br>Battery<br>Ex-protective cover<br>S Pen<br>USB cable<br>Charger<br>Documentation                          |

## Accessories



## Tablet computer

### Tab-Ex® 03 DZ2

TAB-EX03-DZ2-WWANTHA-CN-000-..



- NFC technology for wireless applications
- Comprehensive security thanks to Samsung KNOX
- Suitable for use with gloves
- Google ARCore
- Samsung DeX Mode
- MIL-STD-810H
- 64 GB internal memory
- Micro SD slot (up to 1 TB)
- Replaceable SIM
- Wireless connections such as WWAN, 4G LTE, WLAN and Bluetooth®
- 13 MP rear camera + 5 MP front camera

Tab-Ex 03 DZ2 (DIV 2 and Zone 2/22), latest available Android firmware release, WWAN (LTE) incl. Wi-Fi, with camera, version for Thailand



## Technical Data

| Hardware                   |  |                                                                                                     |
|----------------------------|--|-----------------------------------------------------------------------------------------------------|
| Processor                  |  | Octa-core, 4 x 2.7 GHz + 4 x 1.7 GHz<br>Exynos 9810                                                 |
| RAM                        |  | 4 GB                                                                                                |
| Camera                     |  |                                                                                                     |
| Front camera               |  | 5 MP                                                                                                |
| Main camera                |  | 13 MP Autofocus                                                                                     |
| Video recording resolution |  | UHD 4K (3840 x 2160 Pixel) @ 30 fps                                                                 |
| Internal data memory       |  | 64 GByte<br>Free available memory 48.6 GByte                                                        |
| Optional data memory       |  | Expandable to 1 TB with microSD card                                                                |
| Sensors                    |  | Acceleration sensor, gyroscope, proximity sensor, geomagnetic sensor, Hall sensor, RGB light sensor |
| Speaker                    |  | yes                                                                                                 |
| Indicators/operating means |  |                                                                                                     |
| Display                    |  | Can be operated while wearing gloves                                                                |
| Touchscreen technology     |  | Capacitive multitouch                                                                               |
| Type                       |  | TFT, LCD                                                                                            |
| Screen diagonal            |  | 20.31 cm                                                                                            |
| Aspect ratio               |  | 16:10                                                                                               |
| Resolution                 |  | 1920 x 1200 (WUXGA)                                                                                 |
| Brightness                 |  | 480 cd/m <sup>2</sup> (nit)                                                                         |
| Colors                     |  | 16 Mio.                                                                                             |
| Electrical specifications  |  |                                                                                                     |
| Battery type               |  | Li-Ion 18.87 WH, 3.8 V<br>5050 mAh (typical)<br>4900 mAh (rated)                                    |
| Operating duration         |  | up to 11 h                                                                                          |
| Communication              |  |                                                                                                     |
| Mobile standard            |  |                                                                                                     |

## Technical Data

|                                                                |                                                                                                                                                                                                      |
|----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2G                                                             | GSM 850 MHz, GSM 900 MHz, DCS 1800 MHz, PCS 1900 MHz                                                                                                                                                 |
| 3G                                                             | UMTS band: B1 (2100), B2 (1900), B4 (AWS), B5 (850), B8 (900)                                                                                                                                        |
| 4G                                                             | LTE FDD: B1 (2100), B2 (1900), B3 (1800), B4 (AWS), B5 (850), B7 (2600), B8 (900), B12 (700), B13 (700), B17 (700), B20 (800), B28 (700), B66 (AWS-3)<br>TDD LTE: B38 (2600), B40 (2300), B41 (2500) |
| WLAN                                                           | 802.11 a/b/g/n/AC/ax 2.4 G+5 GHz, HE80, MIMO, 1024 QAM                                                                                                                                               |
| Bluetooth                                                      | Bluetooth® 5.0                                                                                                                                                                                       |
| GPS sensor                                                     | GPS, Glonass, Beidou, Galileo                                                                                                                                                                        |
| USB                                                            | USB 3.1 Gen. 1                                                                                                                                                                                       |
| Connections                                                    | Wi-Fi Direct, NFC, ANT+                                                                                                                                                                              |
| SIM card                                                       | 1x Nano SIM (4FF)                                                                                                                                                                                    |
| <b>Software</b>                                                |                                                                                                                                                                                                      |
| Operating system                                               | Android™ 13                                                                                                                                                                                          |
| Safety                                                         | Samsung KNOX 3.x                                                                                                                                                                                     |
| SMS/MMS                                                        | yes                                                                                                                                                                                                  |
| <b>Ambient conditions</b>                                      |                                                                                                                                                                                                      |
| Ambient temperature                                            | -20 ... 55 °C (-4 ... 131 °F)                                                                                                                                                                        |
| <b>Mechanical specifications</b>                               |                                                                                                                                                                                                      |
| Degree of protection                                           | IP64 according to EN/IEC 60079-0 (ATEX/IECEX)<br>IP68* according to EN/IEC 60529 (industrial standard) and MIL-STD-810H                                                                              |
| Mass                                                           | 610 g                                                                                                                                                                                                |
| Dimensions                                                     |                                                                                                                                                                                                      |
| W x H x D                                                      | 126.8 mm x 213.8 mm x 9.9 mm                                                                                                                                                                         |
| <b>Data for application in connection with hazardous areas</b> |                                                                                                                                                                                                      |
| ATEX approval                                                  |                                                                                                                                                                                                      |
| Certificate of conformity                                      | EPS 21 ATEX 1 093 X                                                                                                                                                                                  |
| ATEX marking                                                   | Ⓔ II 3G Ex ic IIC T5 Gc IP64<br>Ⓔ II 3D Ex ic IIIC T85°C Dc                                                                                                                                          |
| <b>International approvals</b>                                 |                                                                                                                                                                                                      |
| IECEX approval                                                 |                                                                                                                                                                                                      |
| IECEX certificate                                              | IECEX EPS 21.0033X                                                                                                                                                                                   |
| IECEX marking                                                  | Ex ic IIC T5 Gc IP64<br>Ex ic IIIC T85°C Dc                                                                                                                                                          |
| Approved for                                                   | Thailand                                                                                                                                                                                             |
| Further approvals                                              | MIL-STD-810H                                                                                                                                                                                         |
| <b>General information</b>                                     |                                                                                                                                                                                                      |
| Scope of delivery                                              | Tab-Ex® 03<br>Battery<br>Ex-protective cover<br>S Pen<br>USB cable<br>Charger<br>Documentation                                                                                                       |

## Accessories



## Tablet computer

### Tab-Ex® 03 DZ2

TAB-EX03-DZ2-WIFIZAF-CN-000-..



- NFC technology for wireless applications
- Comprehensive security thanks to Samsung KNOX
- Suitable for use with gloves
- Google ARCore
- Samsung DeX Mode
- MIL-STD-810H
- 64 GB internal memory
- Micro SD slot (up to 1 TB)
- 13 MP rear camera + 5 MP front camera

Tab-Ex 03 DZ2 (DIV 2 and Zone 2/22), latest available Android firmware release, Wi-Fi, with camera, version for South Africa



## Technical Data

### Hardware

|                            |                                                                                                     |
|----------------------------|-----------------------------------------------------------------------------------------------------|
| Processor                  | Octa-core, 4 x 2.7 GHz + 4 x 1.7 GHz<br>Exynos 9810                                                 |
| RAM                        | 4 GB                                                                                                |
| Camera                     |                                                                                                     |
| Front camera               | 5 MP                                                                                                |
| Main camera                | 13 MP Autofocus                                                                                     |
| Video recording resolution | UHD 4K (3840 x 2160 Pixel) @ 30 fps                                                                 |
| Internal data memory       | 64 GByte<br>Free available memory 48.6 GByte                                                        |
| Optional data memory       | Expandable to 1 TB with microSD card                                                                |
| Sensors                    | Acceleration sensor, gyroscope, proximity sensor, geomagnetic sensor, Hall sensor, RGB light sensor |
| Speaker                    | yes                                                                                                 |

### Indicators/operating means

|                        |                                      |
|------------------------|--------------------------------------|
| Display                | Can be operated while wearing gloves |
| Touchscreen technology | Capacitive multitouch                |
| Type                   | TFT, LCD                             |
| Screen diagonal        | 20.31 cm                             |
| Aspect ratio           | 16:10                                |
| Resolution             | 1920 x 1200 (WUXGA)                  |
| Brightness             | 480 cd/m <sup>2</sup> (nit)          |
| Colors                 | 16 Mio.                              |

### Electrical specifications

|                    |                                                                  |
|--------------------|------------------------------------------------------------------|
| Battery type       | Li-Ion 18.87 WH, 3.8 V<br>5050 mAh (typical)<br>4900 mAh (rated) |
| Operating duration | up to 11 h                                                       |

### Communication

|             |                                                        |
|-------------|--------------------------------------------------------|
| WLAN        | 802.11 a/b/g/n/AC/ax 2.4 G+5 GHz, HE80, MIMO, 1024 QAM |
| Bluetooth   | Bluetooth® 5.0                                         |
| GPS sensor  | GPS, Glonass, Beidou, Galileo                          |
| USB         | USB 3.1 Gen. 1                                         |
| Connections | Wi-Fi Direct, NFC, ANT+                                |

## Technical Data

### Software

|                  |                  |
|------------------|------------------|
| Operating system | Android™ 13      |
| Safety           | Samsung KNOX 3.x |

### Ambient conditions

|                     |                               |
|---------------------|-------------------------------|
| Ambient temperature | -20 ... 55 °C (-4 ... 131 °F) |
|---------------------|-------------------------------|

### Mechanical specifications

|                      |                                                                                                                         |
|----------------------|-------------------------------------------------------------------------------------------------------------------------|
| Degree of protection | IP64 according to EN/IEC 60079-0 (ATEX/IECEX)<br>IP68* according to EN/IEC 60529 (industrial standard) and MIL-STD-810H |
| Mass                 | 610 g                                                                                                                   |
| Dimensions           |                                                                                                                         |
| W x H x D            | 126.8 mm x 213.8 mm x 9.9 mm                                                                                            |

### Data for application in connection with hazardous areas

|                  |                                                             |
|------------------|-------------------------------------------------------------|
| ATEX approval    |                                                             |
| ATEX certificate | EPS 21 ATEX 1 093 X                                         |
| ATEX marking     | Ⓔ II 3G Ex ic IIC T5 Gc IP64<br>Ⓔ II 3D Ex ic IIIC T85°C Dc |

### International approvals

|                   |                                             |
|-------------------|---------------------------------------------|
| IECEX approval    |                                             |
| IECEX certificate | IECEX EPS 21.0033X                          |
| IECEX marking     | Ex ic IIC T5 Gc IP64<br>Ex ic IIIC T85°C Dc |
| IA approval       |                                             |
| IA certificate    | MASC S/22-8040X                             |
| IA marking        | Ex ic IIC T5 Gc IP64<br>Ex ic IIIC T85°C Dc |
| Approved for      | South Africa                                |
| Further approvals | MIL-STD-810H                                |

### General information

|                   |                                                                                                |
|-------------------|------------------------------------------------------------------------------------------------|
| Scope of delivery | Tab-Ex® 03<br>Battery<br>Ex-protective cover<br>S Pen<br>USB cable<br>Charger<br>Documentation |
|-------------------|------------------------------------------------------------------------------------------------|

## Accessories



## Tablet computer

### Tab-Ex® 03 DZ2

TAB-EX03-DZ2-WWANZAF-CN-000-..



- NFC technology for wireless applications
- Comprehensive security thanks to Samsung KNOX
- Suitable for use with gloves
- Google ARCore
- Samsung DeX Mode
- MIL-STD-810H
- 64 GB internal memory
- Micro SD slot (up to 1 TB)
- Replaceable SIM
- Wireless connections such as WWAN, 4G LTE, WLAN and Bluetooth®
- 13 MP rear camera + 5 MP front camera

Tab-Ex 03 DZ2 (DIV 2 and Zone 2/22), latest available Android firmware release, WWAN (LTE) incl. Wi-Fi, with camera, version for South Africa



## Technical Data

### Hardware

|                            |                                                                                                     |
|----------------------------|-----------------------------------------------------------------------------------------------------|
| Processor                  | Octa-core, 4 x 2.7 GHz + 4 x 1.7 GHz<br>Exynos 9810                                                 |
| RAM                        | 4 GB                                                                                                |
| Camera                     |                                                                                                     |
| Front camera               | 5 MP                                                                                                |
| Main camera                | 13 MP Autofocus                                                                                     |
| Video recording resolution | UHD 4K (3840 x 2160 Pixel) @ 30 fps                                                                 |
| Internal data memory       | 64 GByte<br>Free available memory 48.6 GByte                                                        |
| Optional data memory       | Expandable to 1 TB with microSD card                                                                |
| Sensors                    | Acceleration sensor, gyroscope, proximity sensor, geomagnetic sensor, Hall sensor, RGB light sensor |
| Speaker                    | yes                                                                                                 |

### Indicators/operating means

|                        |                                      |
|------------------------|--------------------------------------|
| Display                | Can be operated while wearing gloves |
| Touchscreen technology | Capacitive multitouch                |
| Type                   | TFT, LCD                             |
| Screen diagonal        | 20.31 cm                             |
| Aspect ratio           | 16:10                                |
| Resolution             | 1920 x 1200 (WUXGA)                  |
| Brightness             | 480 cd/m <sup>2</sup> (nit)          |
| Colors                 | 16 Mio.                              |

### Electrical specifications

|                    |                                                                  |
|--------------------|------------------------------------------------------------------|
| Battery type       | Li-Ion 18.87 WH, 3.8 V<br>5050 mAh (typical)<br>4900 mAh (rated) |
| Operating duration | up to 11 h                                                       |

### Communication

|                 |  |
|-----------------|--|
| Mobile standard |  |
|-----------------|--|



## Technical Data

|                                                                |                                                                                                                                                                                                      |
|----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2G                                                             | GSM 850 MHz, GSM 900 MHz, DCS 1800 MHz, PCS 1900 MHz                                                                                                                                                 |
| 3G                                                             | UMTS band: B1 (2100), B2 (1900), B4 (AWS), B5 (850), B8 (900)                                                                                                                                        |
| 4G                                                             | LTE FDD: B1 (2100), B2 (1900), B3 (1800), B4 (AWS), B5 (850), B7 (2600), B8 (900), B12 (700), B13 (700), B17 (700), B20 (800), B28 (700), B66 (AWS-3)<br>TDD LTE: B38 (2600), B40 (2300), B41 (2500) |
| WLAN                                                           | 802.11 a/b/g/n/AC/ax 2.4 G+5 GHz, HE80, MIMO, 1024 QAM                                                                                                                                               |
| Bluetooth                                                      | Bluetooth® 5.0                                                                                                                                                                                       |
| GPS sensor                                                     | GPS, Glonass, Beidou, Galileo                                                                                                                                                                        |
| USB                                                            | USB 3.1 Gen. 1                                                                                                                                                                                       |
| Connections                                                    | Wi-Fi Direct, NFC, ANT+                                                                                                                                                                              |
| SIM card                                                       | 1x Nano SIM (4FF)                                                                                                                                                                                    |
| <b>Software</b>                                                |                                                                                                                                                                                                      |
| Operating system                                               | Android™ 13                                                                                                                                                                                          |
| Safety                                                         | Samsung KNOX 3.x                                                                                                                                                                                     |
| SMS/MMS                                                        | yes                                                                                                                                                                                                  |
| <b>Ambient conditions</b>                                      |                                                                                                                                                                                                      |
| Ambient temperature                                            | -20 ... 55 °C (-4 ... 131 °F)                                                                                                                                                                        |
| <b>Mechanical specifications</b>                               |                                                                                                                                                                                                      |
| Degree of protection                                           | IP64 according to EN/IEC 60079-0 (ATEX/IECEX)<br>IP68* according to EN/IEC 60529 (industrial standard) and MIL-STD-810H                                                                              |
| Mass                                                           | 610 g                                                                                                                                                                                                |
| Dimensions                                                     |                                                                                                                                                                                                      |
| W x H x D                                                      | 126.8 mm x 213.8 mm x 9.9 mm                                                                                                                                                                         |
| <b>Data for application in connection with hazardous areas</b> |                                                                                                                                                                                                      |
| ATEX approval                                                  |                                                                                                                                                                                                      |
| ATEX certificate                                               | EPS 21 ATEX 1 093 X                                                                                                                                                                                  |
| ATEX marking                                                   | Ⓔ II 3G Ex ic IIC T5 Gc IP64<br>Ⓔ II 3D Ex ic IIIC T85°C Dc                                                                                                                                          |
| <b>International approvals</b>                                 |                                                                                                                                                                                                      |
| IECEX approval                                                 |                                                                                                                                                                                                      |
| IECEX certificate                                              | IECEX EPS 21.0033X                                                                                                                                                                                   |
| IECEX marking                                                  | Ex ic IIC T5 Gc IP64<br>Ex ic IIIC T85°C Dc                                                                                                                                                          |
| IA approval                                                    |                                                                                                                                                                                                      |
| IA certificate                                                 | MASC S/22-8040X                                                                                                                                                                                      |
| IA marking                                                     | Ex ic IIC T5 Gc IP64<br>Ex ic IIIC T85°C Dc                                                                                                                                                          |
| Approved for                                                   | South Africa                                                                                                                                                                                         |
| Further approvals                                              | MIL-STD-810H                                                                                                                                                                                         |
| <b>General information</b>                                     |                                                                                                                                                                                                      |
| Scope of delivery                                              | Tab-Ex® 03<br>Battery<br>Ex-protective cover<br>S Pen<br>USB cable<br>Charger<br>Documentation                                                                                                       |

## Accessories



## Tablet computer

### Tab-Ex® 03 DZ2

TAB-EX03-DZ2-WWANSGP-CN-000-..



- NFC technology for wireless applications
- Comprehensive security thanks to Samsung KNOX
- Suitable for use with gloves
- Google ARCore
- Samsung DeX Mode
- MIL-STD-810H
- 64 GB internal memory
- Micro SD slot (up to 1 TB)
- Replaceable SIM
- Wireless connections such as WWAN, 4G LTE, WLAN and Bluetooth®
- 13 MP rear camera + 5 MP front camera

Tab-Ex 03 DZ2 (DIV 2 and Zone 2/22), latest available Android firmware release, WWAN (LTE) incl. Wi-Fi, with camera, version for Singapore



## Technical Data

### Hardware

|                            |                                                                                                     |
|----------------------------|-----------------------------------------------------------------------------------------------------|
| Processor                  | Octa-core, 4 x 2.7 GHz + 4 x 1.7 GHz<br>Exynos 9810                                                 |
| RAM                        | 4 GB                                                                                                |
| Camera                     |                                                                                                     |
| Front camera               | 5 MP                                                                                                |
| Main camera                | 13 MP Autofocus                                                                                     |
| Video recording resolution | UHD 4K (3840 x 2160 Pixel) @ 30 fps                                                                 |
| Internal data memory       | 64 GByte<br>Free available memory 48.6 GByte                                                        |
| Optional data memory       | Expandable to 1 TB with microSD card                                                                |
| Sensors                    | Acceleration sensor, gyroscope, proximity sensor, geomagnetic sensor, Hall sensor, RGB light sensor |
| Speaker                    | yes                                                                                                 |

### Indicators/operating means

|                        |                                      |
|------------------------|--------------------------------------|
| Display                | Can be operated while wearing gloves |
| Touchscreen technology | Capacitive multitouch                |
| Type                   | TFT, LCD                             |
| Screen diagonal        | 20.31 cm                             |
| Aspect ratio           | 16:10                                |
| Resolution             | 1920 x 1200 (WUXGA)                  |
| Brightness             | 480 cd/m <sup>2</sup> (nit)          |
| Colors                 | 16 Mio.                              |

### Electrical specifications

|                    |                                                                  |
|--------------------|------------------------------------------------------------------|
| Battery type       | Li-Ion 18.87 WH, 3.8 V<br>5050 mAh (typical)<br>4900 mAh (rated) |
| Operating duration | up to 11 h                                                       |

### Communication

|                 |  |
|-----------------|--|
| Mobile standard |  |
|-----------------|--|

## Technical Data

|                                                                |                                                                                                                                                                                                      |
|----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2G                                                             | GSM 850 MHz, GSM 900 MHz, DCS 1800 MHz, PCS 1900 MHz                                                                                                                                                 |
| 3G                                                             | UMTS band: B1 (2100), B2 (1900), B4 (AWS), B5 (850), B8 (900)                                                                                                                                        |
| 4G                                                             | LTE FDD: B1 (2100), B2 (1900), B3 (1800), B4 (AWS), B5 (850), B7 (2600), B8 (900), B12 (700), B13 (700), B17 (700), B20 (800), B28 (700), B66 (AWS-3)<br>TDD LTE: B38 (2600), B40 (2300), B41 (2500) |
| WLAN                                                           | 802.11 a/b/g/n/AC/ax 2.4 G+5 GHz, HE80, MIMO, 1024 QAM                                                                                                                                               |
| Bluetooth                                                      | Bluetooth® 5.0                                                                                                                                                                                       |
| GPS sensor                                                     | GPS, Glonass, Beidou, Galileo                                                                                                                                                                        |
| USB                                                            | USB 3.1 Gen. 1                                                                                                                                                                                       |
| Connections                                                    | Wi-Fi Direct, NFC, ANT+                                                                                                                                                                              |
| SIM card                                                       | 1x Nano SIM (4FF)                                                                                                                                                                                    |
| <b>Software</b>                                                |                                                                                                                                                                                                      |
| Operating system                                               | Android™ 13                                                                                                                                                                                          |
| Safety                                                         | Samsung KNOX 3.x                                                                                                                                                                                     |
| SMS/MMS                                                        | yes                                                                                                                                                                                                  |
| <b>Ambient conditions</b>                                      |                                                                                                                                                                                                      |
| Ambient temperature                                            | -20 ... 55 °C (-4 ... 131 °F)                                                                                                                                                                        |
| <b>Mechanical specifications</b>                               |                                                                                                                                                                                                      |
| Degree of protection                                           | IP64 according to EN/IEC 60079-0 (ATEX/IECEX)<br>IP68* according to EN/IEC 60529 (industrial standard) and MIL-STD-810H                                                                              |
| Mass                                                           | 610 g                                                                                                                                                                                                |
| Dimensions                                                     |                                                                                                                                                                                                      |
| W x H x D                                                      | 126.8 mm x 213.8 mm x 9.9 mm                                                                                                                                                                         |
| <b>Data for application in connection with hazardous areas</b> |                                                                                                                                                                                                      |
| ATEX approval                                                  |                                                                                                                                                                                                      |
| Certificate of conformity                                      | EPS 21 ATEX 1 093 X                                                                                                                                                                                  |
| ATEX marking                                                   | Ⓔ II 3G Ex ic IIC T5 Gc IP64<br>Ⓔ II 3D Ex ic IIIC T85°C Dc                                                                                                                                          |
| <b>International approvals</b>                                 |                                                                                                                                                                                                      |
| IECEX approval                                                 |                                                                                                                                                                                                      |
| IECEX certificate                                              | IECEX EPS 21.0033X                                                                                                                                                                                   |
| IECEX marking                                                  | Ex ic IIC T5 Gc IP64<br>Ex ic IIIC T85°C Dc                                                                                                                                                          |
| Approved for                                                   | Singapore                                                                                                                                                                                            |
| Further approvals                                              | MIL-STD-810H                                                                                                                                                                                         |
| <b>General information</b>                                     |                                                                                                                                                                                                      |
| Scope of delivery                                              | Tab-Ex® 03<br>Battery<br>Ex-protective cover<br>S Pen<br>USB cable<br>Charger<br>Documentation                                                                                                       |

## Accessories



## Tablet computer

### Tab-Ex® 03 DZ2

TAB-EX03-DZ2-WWANSGP-  
CS-000-..



- NFC technology for wireless applications
- Comprehensive security thanks to Samsung KNOX
- Suitable for use with gloves
- Google ARCore
- Samsung DeX Mode
- MIL-STD-810H
- 64 GB internal memory
- Micro SD slot (up to 1 TB)
- Replaceable SIM
- Wireless connections such as WWAN, 4G LTE, WLAN and Bluetooth®
- Micro SD slot, 512 GB
- 13 MP rear camera + 5 MP front camera

Tab-Ex 03 DZ2 (DIV 2 and Zone 2/22), latest available Android firmware release, WWAN (LTE) incl. Wi-Fi, with camera, with microSD card, version for Singapore



## Technical Data

| Hardware                   |  |                                                                                                     |
|----------------------------|--|-----------------------------------------------------------------------------------------------------|
| Processor                  |  | Octa-core, 4 x 2.7 GHz + 4 x 1.7 GHz<br>Exynos 9810                                                 |
| RAM                        |  | 4 GB                                                                                                |
| Camera                     |  |                                                                                                     |
| Front camera               |  | 5 MP                                                                                                |
| Main camera                |  | 13 MP Autofocus                                                                                     |
| Video recording resolution |  | UHD 4K (3840 x 2160 Pixel) @ 30 fps                                                                 |
| Internal data memory       |  | 64 GByte<br>Free available memory 48.6 GByte                                                        |
| Optional data memory       |  | microSD (up to 1024 GB)<br>512 GB installed                                                         |
| Sensors                    |  | Acceleration sensor, gyroscope, proximity sensor, geomagnetic sensor, Hall sensor, RGB light sensor |
| Speaker                    |  | yes                                                                                                 |
| Indicators/operating means |  |                                                                                                     |
| Display                    |  | Can be operated while wearing gloves                                                                |
| Touchscreen technology     |  | Capacitive multitouch                                                                               |
| Type                       |  | TFT, LCD                                                                                            |
| Screen diagonal            |  | 20.31 cm                                                                                            |
| Aspect ratio               |  | 16:10                                                                                               |
| Resolution                 |  | 1920 x 1200 (WUXGA)                                                                                 |
| Brightness                 |  | 480 cd/m <sup>2</sup> (nit)                                                                         |
| Colors                     |  | 16 Mio.                                                                                             |
| Electrical specifications  |  |                                                                                                     |
| Battery type               |  | Li-Ion 18.87 WH, 3.8 V<br>5050 mAh (typical)<br>4900 mAh (rated)                                    |
| Operating duration         |  | up to 11 h                                                                                          |
| Communication              |  |                                                                                                     |

Technical Data

|                                                         |  |                                                                                                                                                                                                      |
|---------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Mobile standard                                         |  |                                                                                                                                                                                                      |
| 2G                                                      |  | GSM 850 MHz, GSM 900 MHz, DCS 1800 MHz, PCS 1900 MHz                                                                                                                                                 |
| 3G                                                      |  | UMTS band: B1 (2100), B2 (1900), B4 (AWS), B5 (850), B8 (900)                                                                                                                                        |
| 4G                                                      |  | LTE FDD: B1 (2100), B2 (1900), B3 (1800), B4 (AWS), B5 (850), B7 (2600), B8 (900), B12 (700), B13 (700), B17 (700), B20 (800), B28 (700), B66 (AWS-3)<br>TDD LTE: B38 (2600), B40 (2300), B41 (2500) |
| WLAN                                                    |  | 802.11 a/b/g/n/AC/ax 2.4 G+5 GHz, HE80, MIMO, 1024 QAM                                                                                                                                               |
| Bluetooth                                               |  | Bluetooth® 5.0                                                                                                                                                                                       |
| GPS sensor                                              |  | GPS, Glonass, Beidou, Galileo                                                                                                                                                                        |
| USB                                                     |  | USB 3.1 Gen. 1                                                                                                                                                                                       |
| Connections                                             |  | Wi-Fi Direct, NFC, ANT+                                                                                                                                                                              |
| SIM card                                                |  | 1x Nano SIM (4FF)                                                                                                                                                                                    |
| Software                                                |  |                                                                                                                                                                                                      |
| Operating system                                        |  | Android™ 13                                                                                                                                                                                          |
| Safety                                                  |  | Samsung KNOX 3.x                                                                                                                                                                                     |
| SMS/MMS                                                 |  | yes                                                                                                                                                                                                  |
| Ambient conditions                                      |  |                                                                                                                                                                                                      |
| Ambient temperature                                     |  | -20 ... 55 °C (-4 ... 131 °F)                                                                                                                                                                        |
| Mechanical specifications                               |  |                                                                                                                                                                                                      |
| Degree of protection                                    |  | IP64 according to EN/IEC 60079-0 (ATEX/IECEX)<br>IP68* according to EN/IEC 60529 (industrial standard) and MIL-STD-810H                                                                              |
| Mass                                                    |  | 610 g                                                                                                                                                                                                |
| Dimensions                                              |  |                                                                                                                                                                                                      |
| W x H x D                                               |  | 126.8 mm x 213.8 mm x 9.9 mm                                                                                                                                                                         |
| Data for application in connection with hazardous areas |  |                                                                                                                                                                                                      |
| ATEX approval                                           |  |                                                                                                                                                                                                      |
| Certificate of conformity                               |  | EPS 21 ATEX 1 093 X                                                                                                                                                                                  |
| ATEX marking                                            |  | Ⓜ II 3G Ex ic IIC T5 Gc IP64<br>Ⓜ II 3D Ex ic IIIC T85°C Dc                                                                                                                                          |
| International approvals                                 |  |                                                                                                                                                                                                      |
| IECEX approval                                          |  |                                                                                                                                                                                                      |
| IECEX certificate                                       |  | IECEX EPS 21.0033X                                                                                                                                                                                   |
| IECEX marking                                           |  | Ex ic IIC T5 Gc IP64<br>Ex ic IIIC T85°C Dc                                                                                                                                                          |
| Approved for                                            |  | Singapore                                                                                                                                                                                            |
| Further approvals                                       |  | MIL-STD-810H                                                                                                                                                                                         |
| General information                                     |  |                                                                                                                                                                                                      |
| Scope of delivery                                       |  | Tab-Ex® 03<br>Battery<br>Ex-protective cover<br>S Pen<br>USB cable<br>Charger<br>Documentation<br>Micro SD flash card                                                                                |

Accessories



## Tablet computer

### Tab-Ex® 03 DZ2

TAB-EX03-DZ2-WWANBRA-CN-000-..



- NFC technology for wireless applications
- Comprehensive security thanks to Samsung KNOX
- Suitable for use with gloves
- Google ARCore
- Samsung DeX Mode
- MIL-STD-810H
- 64 GB internal memory
- Micro SD slot (up to 1 TB)
- Replaceable SIM
- Wireless connections such as WWAN, 4G LTE, WLAN and Bluetooth®
- 13 MP rear camera + 5 MP front camera

Tab-Ex 03 DZ2 (DIV 2 and Zone 2/22), latest available Android firmware release, WWAN (LTE) incl. Wi-Fi, with camera, version for Brazil



## Technical Data

### Hardware

|                            |                                                                                                     |
|----------------------------|-----------------------------------------------------------------------------------------------------|
| Processor                  | Octa-core, 4 x 2.7 GHz + 4 x 1.7 GHz<br>Exynos 9810                                                 |
| RAM                        | 4 GB                                                                                                |
| Camera                     |                                                                                                     |
| Front camera               | 5 MP                                                                                                |
| Main camera                | 13 MP Autofocus                                                                                     |
| Video recording resolution | UHD 4K (3840 x 2160 Pixel) @ 30 fps                                                                 |
| Internal data memory       | 64 GByte<br>Free available memory 48.6 GByte                                                        |
| Optional data memory       | Expandable to 1 TB with microSD card                                                                |
| Sensors                    | Acceleration sensor, gyroscope, proximity sensor, geomagnetic sensor, Hall sensor, RGB light sensor |
| Speaker                    | yes                                                                                                 |

### Indicators/operating means

|                        |                                      |
|------------------------|--------------------------------------|
| Display                | Can be operated while wearing gloves |
| Touchscreen technology | Capacitive multitouch                |
| Type                   | TFT, LCD                             |
| Screen diagonal        | 20.31 cm                             |
| Aspect ratio           | 16:10                                |
| Resolution             | 1920 x 1200 (WUXGA)                  |
| Brightness             | 480 cd/m <sup>2</sup> (nit)          |
| Colors                 | 16 Mio.                              |

### Electrical specifications

|                    |                                                                  |
|--------------------|------------------------------------------------------------------|
| Battery type       | Li-Ion 18.87 WH, 3.8 V<br>5050 mAh (typical)<br>4900 mAh (rated) |
| Operating duration | up to 11 h                                                       |

### Communication

|                 |  |
|-----------------|--|
| Mobile standard |  |
|-----------------|--|

## Technical Data

|                                                                |                                                                                                                                                                                                      |
|----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2G                                                             | GSM 850 MHz, GSM 900 MHz, DCS 1800 MHz, PCS 1900 MHz                                                                                                                                                 |
| 3G                                                             | UMTS band: B1 (2100), B2 (1900), B4 (AWS), B5 (850), B8 (900)                                                                                                                                        |
| 4G                                                             | LTE FDD: B1 (2100), B2 (1900), B3 (1800), B4 (AWS), B5 (850), B7 (2600), B8 (900), B12 (700), B13 (700), B17 (700), B20 (800), B28 (700), B66 (AWS-3)<br>TDD LTE: B38 (2600), B40 (2300), B41 (2500) |
| WLAN                                                           | 802.11 a/b/g/n/AC/ax 2.4 G+5 GHz, HE80, MIMO, 1024 QAM                                                                                                                                               |
| Bluetooth                                                      | Bluetooth® 5.0                                                                                                                                                                                       |
| GPS sensor                                                     | GPS, Glonass, Beidou, Galileo                                                                                                                                                                        |
| USB                                                            | USB 3.1 Gen. 1                                                                                                                                                                                       |
| Connections                                                    | Wi-Fi Direct, NFC, ANT+                                                                                                                                                                              |
| SIM card                                                       | 1x Nano SIM (4FF)                                                                                                                                                                                    |
| <b>Software</b>                                                |                                                                                                                                                                                                      |
| Operating system                                               | Android™ 13                                                                                                                                                                                          |
| Safety                                                         | Samsung KNOX 3.x                                                                                                                                                                                     |
| SMS/MMS                                                        | yes                                                                                                                                                                                                  |
| <b>Ambient conditions</b>                                      |                                                                                                                                                                                                      |
| Ambient temperature                                            | -20 ... 55 °C (-4 ... 131 °F)                                                                                                                                                                        |
| <b>Mechanical specifications</b>                               |                                                                                                                                                                                                      |
| Degree of protection                                           | IP64 according to EN/IEC 60079-0 (ATEX/IECEX)<br>IP68* according to EN/IEC 60529 (industrial standard) and MIL-STD-810H                                                                              |
| Mass                                                           | 610 g                                                                                                                                                                                                |
| Dimensions                                                     |                                                                                                                                                                                                      |
| W x H x D                                                      | 126.8 mm x 213.8 mm x 9.9 mm                                                                                                                                                                         |
| <b>Data for application in connection with hazardous areas</b> |                                                                                                                                                                                                      |
| ATEX approval                                                  |                                                                                                                                                                                                      |
| Certificate of conformity                                      | EPS 21 ATEX 1 093 X                                                                                                                                                                                  |
| ATEX marking                                                   | Ⓔ II 3G Ex ic IIC T5 Gc IP64<br>Ⓔ II 3D Ex ic IIIC T85°C Dc                                                                                                                                          |
| <b>International approvals</b>                                 |                                                                                                                                                                                                      |
| IECEX approval                                                 |                                                                                                                                                                                                      |
| IECEX certificate                                              | IECEX EPS 21.0033X                                                                                                                                                                                   |
| IECEX marking                                                  | Ex ic IIC T5 Gc IP64<br>Ex ic IIIC T85°C Dc                                                                                                                                                          |
| INMETRO approval                                               |                                                                                                                                                                                                      |
| INMETRO certificate                                            | TÜV 22.0081 X                                                                                                                                                                                        |
| INMETRO marking                                                | Ex ic IIC T5 Gc<br>Ex ic IIIC T85°C Dc                                                                                                                                                               |
| Approved for                                                   | Brazil                                                                                                                                                                                               |
| Further approvals                                              | MIL-STD-810H                                                                                                                                                                                         |
| <b>General information</b>                                     |                                                                                                                                                                                                      |
| Scope of delivery                                              | Tab-Ex® 03<br>Battery<br>Ex-protective cover<br>S Pen<br>USB cable<br>Charger<br>Documentation                                                                                                       |

## Accessories



## Tablet computer

### Tab-Ex® 03 DZ2

TAB-EX03-DZ2-WIFIBRA-CN-000-..



- NFC technology for wireless applications
- Comprehensive security thanks to Samsung KNOX
- Suitable for use with gloves
- Google ARCore
- Samsung DeX Mode
- MIL-STD-810H
- 64 GB internal memory
- Micro SD slot (up to 1 TB)
- 13 MP rear camera + 5 MP front camera

Tab-Ex 03 DZ2 (DIV 2 and Zone 2/22), latest available Android firmware release, Wi-Fi, with camera, version for Brazil



## Technical Data

### Hardware

|                            |                                                                                                     |
|----------------------------|-----------------------------------------------------------------------------------------------------|
| Processor                  | Octa-core, 4 x 2.7 GHz + 4 x 1.7 GHz<br>Exynos 9810                                                 |
| RAM                        | 4 GB                                                                                                |
| Camera                     |                                                                                                     |
| Front camera               | 5 MP                                                                                                |
| Main camera                | 13 MP Autofocus                                                                                     |
| Video recording resolution | UHD 4K (3840 x 2160 Pixel) @ 30 fps                                                                 |
| Internal data memory       | 64 GByte<br>Free available memory 48.6 GByte                                                        |
| Optional data memory       | Expandable to 1 TB with microSD card                                                                |
| Sensors                    | Acceleration sensor, gyroscope, proximity sensor, geomagnetic sensor, Hall sensor, RGB light sensor |
| Speaker                    | yes                                                                                                 |

### Indicators/operating means

|                        |                                      |
|------------------------|--------------------------------------|
| Display                | Can be operated while wearing gloves |
| Touchscreen technology | Capacitive multitouch                |
| Type                   | TFT, LCD                             |
| Screen diagonal        | 20.31 cm                             |
| Aspect ratio           | 16:10                                |
| Resolution             | 1920 x 1200 (WUXGA)                  |
| Brightness             | 480 cd/m <sup>2</sup> (nit)          |
| Colors                 | 16 Mio.                              |

### Electrical specifications

|                    |                                                                  |
|--------------------|------------------------------------------------------------------|
| Battery type       | Li-Ion 18.87 WH, 3.8 V<br>5050 mAh (typical)<br>4900 mAh (rated) |
| Operating duration | up to 11 h                                                       |

### Communication

|             |                                                        |
|-------------|--------------------------------------------------------|
| WLAN        | 802.11 a/b/g/n/AC/ax 2.4 G+5 GHz, HE80, MIMO, 1024 QAM |
| Bluetooth   | Bluetooth® 5.0                                         |
| GPS sensor  | GPS, Glonass, Beidou, Galileo                          |
| USB         | USB 3.1 Gen. 1                                         |
| Connections | Wi-Fi Direct, NFC, ANT+                                |



## Technical Data

### Software

|                  |                  |
|------------------|------------------|
| Operating system | Android™ 13      |
| Safety           | Samsung KNOX 3.x |

### Ambient conditions

|                     |                               |
|---------------------|-------------------------------|
| Ambient temperature | -20 ... 55 °C (-4 ... 131 °F) |
|---------------------|-------------------------------|

### Mechanical specifications

|                      |                                                                                                                         |
|----------------------|-------------------------------------------------------------------------------------------------------------------------|
| Degree of protection | IP64 according to EN/IEC 60079-0 (ATEX/IECEX)<br>IP68* according to EN/IEC 60529 (industrial standard) and MIL-STD-810H |
| Mass                 | 610 g                                                                                                                   |
| Dimensions           |                                                                                                                         |
| W x H x D            | 126.8 mm x 213.8 mm x 9.9 mm                                                                                            |

### Data for application in connection with hazardous areas

|                           |                                                             |
|---------------------------|-------------------------------------------------------------|
| ATEX approval             |                                                             |
| Certificate of conformity | EPS 21 ATEX 1 093 X                                         |
| ATEX marking              | Ⓜ II 3G Ex ic IIC T5 Gc IP64<br>Ⓜ II 3D Ex ic IIIC T85°C Dc |

### International approvals

|                     |                                             |
|---------------------|---------------------------------------------|
| IECEX approval      |                                             |
| IECEX certificate   | IECEX EPS 21.0033X                          |
| IECEX marking       | Ex ic IIC T5 Gc IP64<br>Ex ic IIIC T85°C Dc |
| INMETRO approval    |                                             |
| INMETRO certificate | TÜV 22.0081 X                               |
| INMETRO marking     | Ex ic IIC T5 Gc<br>Ex ic IIIC T85°C Dc      |
| Approved for        | Brazil                                      |
| Further approvals   | MIL-STD-810H                                |

### General information

|                   |                                                                                                |
|-------------------|------------------------------------------------------------------------------------------------|
| Scope of delivery | Tab-Ex® 03<br>Battery<br>Ex-protective cover<br>S Pen<br>USB cable<br>Charger<br>Documentation |
|-------------------|------------------------------------------------------------------------------------------------|

## Accessories



## Tablet computer

### Tab-Ex® 03 DZ2

TAB-EX03-DZ2-WWANMYS-CN-000-..



- NFC technology for wireless applications
- Comprehensive security thanks to Samsung KNOX
- Suitable for use with gloves
- Google ARCore
- Samsung DeX Mode
- MIL-STD-810H
- 64 GB internal memory
- Micro SD slot (up to 1 TB)
- Replaceable SIM
- Wireless connections such as WWAN, 4G LTE, WLAN and Bluetooth®
- 13 MP rear camera + 5 MP front camera

Tab-Ex 03 DZ2 (DIV 2 and Zone 2/22), latest available Android firmware release, WWAN (LTE) incl. Wi-Fi, with camera, version for Malaysia



## Technical Data

| Hardware                   |  |                                                                                                     |
|----------------------------|--|-----------------------------------------------------------------------------------------------------|
| Processor                  |  | Octa-core, 4 x 2.7 GHz + 4 x 1.7 GHz<br>Exynos 9810                                                 |
| RAM                        |  | 4 GB                                                                                                |
| Camera                     |  |                                                                                                     |
| Front camera               |  | 5 MP                                                                                                |
| Main camera                |  | 13 MP Autofocus                                                                                     |
| Video recording resolution |  | UHD 4K (3840 x 2160 Pixel) @ 30 fps                                                                 |
| Internal data memory       |  | 64 GByte<br>Free available memory 48.6 GByte                                                        |
| Optional data memory       |  | Expandable to 1 TB with microSD card                                                                |
| Sensors                    |  | Acceleration sensor, gyroscope, proximity sensor, geomagnetic sensor, Hall sensor, RGB light sensor |
| Speaker                    |  | yes                                                                                                 |
| Indicators/operating means |  |                                                                                                     |
| Display                    |  | Can be operated while wearing gloves                                                                |
| Touchscreen technology     |  | Capacitive multitouch                                                                               |
| Type                       |  | TFT, LCD                                                                                            |
| Screen diagonal            |  | 20.31 cm                                                                                            |
| Aspect ratio               |  | 16:10                                                                                               |
| Resolution                 |  | 1920 x 1200 (WUXGA)                                                                                 |
| Brightness                 |  | 480 cd/m <sup>2</sup> (nit)                                                                         |
| Colors                     |  | 16 Mio.                                                                                             |
| Electrical specifications  |  |                                                                                                     |
| Battery type               |  | Li-Ion 18.87 WH, 3.8 V<br>5050 mAh (typical)<br>4900 mAh (rated)                                    |
| Operating duration         |  | up to 11 h                                                                                          |
| Communication              |  |                                                                                                     |
| Mobile standard            |  |                                                                                                     |

## Technical Data

|                                                                |                                                                                                                                                                                                      |
|----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2G                                                             | GSM 850 MHz, GSM 900 MHz, DCS 1800 MHz, PCS 1900 MHz                                                                                                                                                 |
| 3G                                                             | UMTS band: B1 (2100), B2 (1900), B4 (AWS), B5 (850), B8 (900)                                                                                                                                        |
| 4G                                                             | LTE FDD: B1 (2100), B2 (1900), B3 (1800), B4 (AWS), B5 (850), B7 (2600), B8 (900), B12 (700), B13 (700), B17 (700), B20 (800), B28 (700), B66 (AWS-3)<br>TDD LTE: B38 (2600), B40 (2300), B41 (2500) |
| WLAN                                                           | 802.11 a/b/g/n/AC/ax 2.4 G+5 GHz, HE80, MIMO, 1024 QAM                                                                                                                                               |
| Bluetooth                                                      | Bluetooth® 5.0                                                                                                                                                                                       |
| GPS sensor                                                     | GPS, Glonass, Beidou, Galileo                                                                                                                                                                        |
| USB                                                            | USB 3.1 Gen. 1                                                                                                                                                                                       |
| Connections                                                    | Wi-Fi Direct, NFC, ANT+                                                                                                                                                                              |
| SIM card                                                       | 1x Nano SIM (4FF)                                                                                                                                                                                    |
| <b>Software</b>                                                |                                                                                                                                                                                                      |
| Operating system                                               | Android™ 13                                                                                                                                                                                          |
| Safety                                                         | Samsung KNOX 3.x                                                                                                                                                                                     |
| SMS/MMS                                                        | yes                                                                                                                                                                                                  |
| <b>Ambient conditions</b>                                      |                                                                                                                                                                                                      |
| Ambient temperature                                            | -20 ... 55 °C (-4 ... 131 °F)                                                                                                                                                                        |
| <b>Mechanical specifications</b>                               |                                                                                                                                                                                                      |
| Degree of protection                                           | IP64 according to EN/IEC 60079-0 (ATEX/IECEX)<br>IP68* according to EN/IEC 60529 (industrial standard) and MIL-STD-810H                                                                              |
| Mass                                                           | 610 g                                                                                                                                                                                                |
| Dimensions                                                     |                                                                                                                                                                                                      |
| W x H x D                                                      | 126.8 mm x 213.8 mm x 9.9 mm                                                                                                                                                                         |
| <b>Data for application in connection with hazardous areas</b> |                                                                                                                                                                                                      |
| ATEX approval                                                  |                                                                                                                                                                                                      |
| Certificate of conformity                                      | EPS 21 ATEX 1 093 X                                                                                                                                                                                  |
| ATEX marking                                                   | Ⓔ II 3G Ex ic IIC T5 Gc IP64<br>Ⓔ II 3D Ex ic IIIC T85°C Dc                                                                                                                                          |
| <b>International approvals</b>                                 |                                                                                                                                                                                                      |
| IECEX approval                                                 |                                                                                                                                                                                                      |
| IECEX certificate                                              | IECEX EPS 21.0033X                                                                                                                                                                                   |
| IECEX marking                                                  | Ex ic IIC T5 Gc IP64<br>Ex ic IIIC T85°C Dc                                                                                                                                                          |
| Approved for                                                   | Malaysia                                                                                                                                                                                             |
| Further approvals                                              | MIL-STD-810H                                                                                                                                                                                         |
| <b>General information</b>                                     |                                                                                                                                                                                                      |
| Scope of delivery                                              | Tab-Ex® 03<br>Battery<br>Ex-protective cover<br>S Pen<br>USB cable<br>Charger<br>Documentation                                                                                                       |

## Accessories



## Tablet computer

### Tab-Ex® 03 DZ2

TAB-EX03-DZ2-WIFINAM-CN-000-..



- NFC technology for wireless applications
- Comprehensive security thanks to Samsung KNOX
- Suitable for use with gloves
- Google ARCore
- Samsung DeX Mode
- MIL-STD-810H
- 64 GB internal memory
- Micro SD slot (up to 1 TB)
- 13 MP rear camera + 5 MP front camera
- Verizon, AT&, T-Mobile

Tab-Ex 03 DZ2 (DIV 2 and Zone 2/22), latest available Android firmware release, Wi-Fi, with camera, version for Northern America



## Technical Data

| Hardware                   |  |                                                                                                     |
|----------------------------|--|-----------------------------------------------------------------------------------------------------|
| Processor                  |  | Octa-core, 4 x 2.7 GHz + 4 x 1.7 GHz<br>Exynos 9810                                                 |
| RAM                        |  | 4 GB                                                                                                |
| Camera                     |  |                                                                                                     |
| Front camera               |  | 5 MP                                                                                                |
| Main camera                |  | 13 MP Autofocus                                                                                     |
| Video recording resolution |  | UHD 4K (3840 x 2160 Pixel) @ 30 fps                                                                 |
| Internal data memory       |  | 64 GByte<br>Free available memory 48.6 GByte                                                        |
| Optional data memory       |  | Expandable to 1 TB with microSD card                                                                |
| Sensors                    |  | Acceleration sensor, gyroscope, proximity sensor, geomagnetic sensor, Hall sensor, RGB light sensor |
| Speaker                    |  | yes                                                                                                 |
| Indicators/operating means |  |                                                                                                     |
| Display                    |  | Can be operated while wearing gloves                                                                |
| Touchscreen technology     |  | Capacitive multitouch                                                                               |
| Type                       |  | TFT, LCD                                                                                            |
| Screen diagonal            |  | 20.31 cm                                                                                            |
| Aspect ratio               |  | 16:10                                                                                               |
| Resolution                 |  | 1920 x 1200 (WUXGA)                                                                                 |
| Brightness                 |  | 480 cd/m <sup>2</sup> (nit)                                                                         |
| Colors                     |  | 16 Mio.                                                                                             |
| Electrical specifications  |  |                                                                                                     |
| Battery type               |  | Li-Ion 18.87 WH, 3.8 V<br>5050 mAh (typical)<br>4900 mAh (rated)                                    |
| Operating duration         |  | up to 11 h                                                                                          |
| Communication              |  |                                                                                                     |
| WLAN                       |  | 802.11 a/b/g/n/AC/ax 2.4 G+5 GHz, HE80, MIMO, 1024 QAM                                              |
| Bluetooth                  |  | Bluetooth® 5.0                                                                                      |
| GPS sensor                 |  | GPS, Glonass, Beidou, Galileo                                                                       |
| USB                        |  | USB 3.1 Gen. 1                                                                                      |

## Technical Data

|                                                                |                                                                                                                                                               |
|----------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Connections                                                    | Wi-Fi Direct, NFC, ANT+                                                                                                                                       |
| <b>Software</b>                                                |                                                                                                                                                               |
| Operating system                                               | Android™ 13                                                                                                                                                   |
| Safety                                                         | Samsung KNOX 3.x                                                                                                                                              |
| <b>Ambient conditions</b>                                      |                                                                                                                                                               |
| Ambient temperature                                            | -20 ... 55 °C (-4 ... 131 °F)                                                                                                                                 |
| <b>Mechanical specifications</b>                               |                                                                                                                                                               |
| Degree of protection                                           | IP64 according to EN/IEC 60079-0 (ATEX/IECEX)<br>IP68* according to EN/IEC 60529 (industrial standard) and MIL-STD-810H                                       |
| Mass                                                           | 610 g                                                                                                                                                         |
| Dimensions                                                     |                                                                                                                                                               |
| W x H x D                                                      | 126.8 mm x 213.8 mm x 9.9 mm                                                                                                                                  |
| <b>Data for application in connection with hazardous areas</b> |                                                                                                                                                               |
| ATEX approval                                                  |                                                                                                                                                               |
| Certificate of conformity                                      | EPS 21 ATEX 1 093 X                                                                                                                                           |
| ATEX marking                                                   | Ⓜ II 3G Ex ic IIC T5 Gc IP64<br>Ⓜ II 3D Ex ic IIIC T85°C Dc                                                                                                   |
| <b>International approvals</b>                                 |                                                                                                                                                               |
| SGS approval                                                   |                                                                                                                                                               |
| SGS certificate                                                | SGSNA/21/SUW00045X                                                                                                                                            |
| Approved for                                                   | Class I, Division 2 Groups A, B, C, D T5<br>Class II, Division 2 Groups F, G T100°C<br>Class III<br>Class I, Zone 2 Group IIC T5<br>Zone 22 Group IIIB T100°C |
| IECEX approval                                                 |                                                                                                                                                               |
| IECEX certificate                                              | IECEX EPS 21.0033X                                                                                                                                            |
| IECEX marking                                                  | Ex ic IIC T5 Gc IP64<br>Ex ic IIIC T85°C Dc                                                                                                                   |
| Approved for                                                   | Northern America                                                                                                                                              |
| Further approvals                                              | MIL-STD-810H                                                                                                                                                  |
| <b>General information</b>                                     |                                                                                                                                                               |
| Scope of delivery                                              | Tab-Ex® 03<br>Battery<br>Ex-protective cover<br>S Pen<br>USB cable<br>Charger<br>Documentation                                                                |

## Accessories



## Tablet computer

### Tab-Ex® 03 DZ2

TAB-EX03-DZ2-WIFINAM-CS-000-..



- NFC technology for wireless applications
- Comprehensive security thanks to Samsung KNOX
- Suitable for use with gloves
- Google ARCore
- Samsung DeX Mode
- MIL-STD-810H
- 64 GB internal memory
- Micro SD slot (up to 1 TB)
- Micro SD slot, 512 GB
- 13 MP rear camera + 5 MP front camera
- Verizon, AT&, T-Mobile

Tab-Ex 03 DZ2 (DIV 2 and Zone 2/22), latest available Android firmware release, Wi-Fi, with camera, with microSD card, version for Northern America



## Technical Data

### Hardware

|                            |                                                                                                     |
|----------------------------|-----------------------------------------------------------------------------------------------------|
| Processor                  | Octa-core, 4 x 2.7 GHz + 4 x 1.7 GHz<br>Exynos 9810                                                 |
| RAM                        | 4 GB                                                                                                |
| Camera                     |                                                                                                     |
| Front camera               | 5 MP                                                                                                |
| Main camera                | 13 MP Autofocus                                                                                     |
| Video recording resolution | UHD 4K (3840 x 2160 Pixel) @ 30 fps                                                                 |
| Internal data memory       | 64 GByte<br>Free available memory 48.6 GByte                                                        |
| Optional data memory       | microSD (up to 1024 GB)<br>512 GB installed                                                         |
| Sensors                    | Acceleration sensor, gyroscope, proximity sensor, geomagnetic sensor, Hall sensor, RGB light sensor |
| Speaker                    | yes                                                                                                 |

### Indicators/operating means

|                        |                                      |
|------------------------|--------------------------------------|
| Display                | Can be operated while wearing gloves |
| Touchscreen technology | Capacitive multitouch                |
| Type                   | TFT, LCD                             |
| Screen diagonal        | 20.31 cm                             |
| Aspect ratio           | 16:10                                |
| Resolution             | 1920 x 1200 (WUXGA)                  |
| Brightness             | 480 cd/m <sup>2</sup> (nit)          |
| Colors                 | 16 Mio.                              |

### Electrical specifications

|                    |                                                                  |
|--------------------|------------------------------------------------------------------|
| Battery type       | Li-Ion 18.87 WH, 3.8 V<br>5050 mAh (typical)<br>4900 mAh (rated) |
| Operating duration | up to 11 h                                                       |

### Communication

|            |                                                        |
|------------|--------------------------------------------------------|
| WLAN       | 802.11 a/b/g/n/AC/ax 2.4 G+5 GHz, HE80, MIMO, 1024 QAM |
| Bluetooth  | Bluetooth® 5.0                                         |
| GPS sensor | GPS, Glonass, Beidou, Galileo                          |

## Technical Data

|                                                                |                                                                                                                                                               |
|----------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| USB                                                            | USB 3.1 Gen. 1                                                                                                                                                |
| Connections                                                    | Wi-Fi Direct, NFC, ANT+                                                                                                                                       |
| <b>Software</b>                                                |                                                                                                                                                               |
| Operating system                                               | Android™ 13                                                                                                                                                   |
| Safety                                                         | Samsung KNOX 3.x                                                                                                                                              |
| <b>Ambient conditions</b>                                      |                                                                                                                                                               |
| Ambient temperature                                            | -20 ... 55 °C (-4 ... 131 °F)                                                                                                                                 |
| <b>Mechanical specifications</b>                               |                                                                                                                                                               |
| Degree of protection                                           | IP64 according to EN/IEC 60079-0 (ATEX/IECEX)<br>IP68* according to EN/IEC 60529 (industrial standard) and MIL-STD-810H                                       |
| Mass                                                           | 610 g                                                                                                                                                         |
| Dimensions                                                     |                                                                                                                                                               |
| W x H x D                                                      | 126.8 mm x 213.8 mm x 9.9 mm                                                                                                                                  |
| <b>Data for application in connection with hazardous areas</b> |                                                                                                                                                               |
| ATEX approval                                                  |                                                                                                                                                               |
| Certificate of conformity                                      | EPS 21 ATEX 1 093 X                                                                                                                                           |
| ATEX marking                                                   | Ⓔ II 3G Ex ic IIC T5 Gc IP64<br>Ⓔ II 3D Ex ic IIIC T85°C Dc                                                                                                   |
| <b>International approvals</b>                                 |                                                                                                                                                               |
| SGS approval                                                   |                                                                                                                                                               |
| SGS certificate                                                | SGSNA/21/SUW00045X                                                                                                                                            |
| Approved for                                                   | Class I, Division 2 Groups A, B, C, D T5<br>Class II, Division 2 Groups F, G T100°C<br>Class III<br>Class I, Zone 2 Group IIC T5<br>Zone 22 Group IIIB T100°C |
| IECEX approval                                                 |                                                                                                                                                               |
| IECEX certificate                                              | IECEX EPS 21.0033X                                                                                                                                            |
| IECEX marking                                                  | Ex ic IIC T5 Gc IP64<br>Ex ic IIIC T85°C Dc                                                                                                                   |
| Approved for                                                   | Northern America                                                                                                                                              |
| Further approvals                                              | MIL-STD-810H                                                                                                                                                  |
| <b>General information</b>                                     |                                                                                                                                                               |
| Scope of delivery                                              | Tab-Ex® 03<br>Battery<br>Ex-protective cover<br>S Pen<br>USB cable<br>Charger<br>Documentation<br>Micro SD flash card                                         |

## Accessories



## Tablet computer

### Tab-Ex® 03 DZ2

TAB-EX03-DZ2-WWANNAM-CN-000-..



- NFC technology for wireless applications
- Comprehensive security thanks to Samsung KNOX
- Suitable for use with gloves
- Google ARCore
- Samsung DeX Mode
- MIL-STD-810H
- 64 GB internal memory
- Micro SD slot (up to 1 TB)
- Replaceable SIM
- Wireless connections such as WWAN, 4G LTE, WLAN and Bluetooth®
- 13 MP rear camera + 5 MP front camera
- Verizon, AT&, T-Mobile

Tab-Ex 03 DZ2 (DIV 2 and Zone 2/22), latest available Android firmware release, WWAN (LTE) incl. Wi-Fi, with camera, version for Northern America



## Technical Data

| Hardware                   |  |                                                                                                     |
|----------------------------|--|-----------------------------------------------------------------------------------------------------|
| Processor                  |  | Octa-core, 4 x 2.7 GHz + 4 x 1.7 GHz<br>Exynos 9810                                                 |
| RAM                        |  | 4 GB                                                                                                |
| Camera                     |  |                                                                                                     |
| Front camera               |  | 5 MP                                                                                                |
| Main camera                |  | 13 MP Autofocus                                                                                     |
| Video recording resolution |  | UHD 4K (3840 x 2160 Pixel) @ 30 fps                                                                 |
| Internal data memory       |  | 64 GByte<br>Free available memory 48.6 GByte                                                        |
| Optional data memory       |  | Expandable to 1 TB with microSD card                                                                |
| Sensors                    |  | Acceleration sensor, gyroscope, proximity sensor, geomagnetic sensor, Hall sensor, RGB light sensor |
| Speaker                    |  | yes                                                                                                 |
| Indicators/operating means |  |                                                                                                     |
| Display                    |  | Can be operated while wearing gloves                                                                |
| Touchscreen technology     |  | Capacitive multitouch                                                                               |
| Type                       |  | TFT, LCD                                                                                            |
| Screen diagonal            |  | 20.31 cm                                                                                            |
| Aspect ratio               |  | 16:10                                                                                               |
| Resolution                 |  | 1920 x 1200 (WUXGA)                                                                                 |
| Brightness                 |  | 480 cd/m <sup>2</sup> (nit)                                                                         |
| Colors                     |  | 16 Mio.                                                                                             |
| Electrical specifications  |  |                                                                                                     |
| Battery type               |  | Li-Ion 18.87 WH, 3.8 V<br>5050 mAh (typical)<br>4900 mAh (rated)                                    |
| Operating duration         |  | up to 11 h                                                                                          |
| Communication              |  |                                                                                                     |



## Technical Data

|                                                                |  |                                                                                                                                                               |
|----------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Mobile standard                                                |  |                                                                                                                                                               |
| 3G                                                             |  | UMTS: B1, B2, B4, B5, B8                                                                                                                                      |
| 4G                                                             |  | LTE FDD: B2, B3, B4, B5, B7, B8, B12, B13, B14, B20, B25, B26, B29, B66, B71<br>LTE TDD: B41                                                                  |
| WLAN                                                           |  | 802.11 a/b/g/n/AC/ax 2.4 G+5 GHz, HE80, MIMO, 1024 QAM                                                                                                        |
| Bluetooth                                                      |  | Bluetooth® 5.0                                                                                                                                                |
| GPS sensor                                                     |  | GPS, Glonass, Beidou, Galileo                                                                                                                                 |
| USB                                                            |  | USB 3.1 Gen. 1                                                                                                                                                |
| Connections                                                    |  | Wi-Fi Direct, NFC, ANT+                                                                                                                                       |
| SIM card                                                       |  | 1x Nano SIM (4FF)                                                                                                                                             |
| <b>Software</b>                                                |  |                                                                                                                                                               |
| Operating system                                               |  | Android™ 13                                                                                                                                                   |
| Safety                                                         |  | Samsung KNOX 3.x                                                                                                                                              |
| SMS/MMS                                                        |  | yes                                                                                                                                                           |
| <b>Ambient conditions</b>                                      |  |                                                                                                                                                               |
| Ambient temperature                                            |  | -20 ... 55 °C (-4 ... 131 °F)                                                                                                                                 |
| <b>Mechanical specifications</b>                               |  |                                                                                                                                                               |
| Degree of protection                                           |  | IP64 according to EN/IEC 60079-0 (ATEX/IECEX)<br>IP68* according to EN/IEC 60529 (industrial standard) and MIL-STD-810H                                       |
| Mass                                                           |  | 610 g                                                                                                                                                         |
| Dimensions                                                     |  |                                                                                                                                                               |
| W x H x D                                                      |  | 126.8 mm x 213.8 mm x 9.9 mm                                                                                                                                  |
| <b>Data for application in connection with hazardous areas</b> |  |                                                                                                                                                               |
| ATEX approval                                                  |  |                                                                                                                                                               |
| Certificate of conformity                                      |  | EPS 21 ATEX 1 093 X                                                                                                                                           |
| ATEX marking                                                   |  | Ⓜ II 3G Ex ic IIC T5 Gc IP64<br>Ⓜ II 3D Ex ic IIIC T85°C Dc                                                                                                   |
| <b>International approvals</b>                                 |  |                                                                                                                                                               |
| SGS approval                                                   |  |                                                                                                                                                               |
| SGS certificate                                                |  | SGSNA/21/SUW00045X                                                                                                                                            |
| Approved for                                                   |  | Class I, Division 2 Groups A, B, C, D T5<br>Class II, Division 2 Groups F, G T100°C<br>Class III<br>Class I, Zone 2 Group IIC T5<br>Zone 22 Group IIIB T100°C |
| IECEX approval                                                 |  |                                                                                                                                                               |
| IECEX certificate                                              |  | IECEX EPS 21.0033X                                                                                                                                            |
| IECEX marking                                                  |  | Ex ic IIC T5 Gc IP64<br>Ex ic IIIC T85°C Dc                                                                                                                   |
| Approved for                                                   |  | Northern America                                                                                                                                              |
| Further approvals                                              |  | MIL-STD-810H                                                                                                                                                  |
| <b>General information</b>                                     |  |                                                                                                                                                               |
| Scope of delivery                                              |  | Tab-Ex® 03<br>Battery<br>Ex-protective cover<br>S Pen<br>USB cable<br>Charger<br>Documentation                                                                |

## Accessories



## Tablet computer

### Tab-Ex® 03 DZ2

TAB-EX03-DZ2-WWANNAM-  
CS-000-..



- NFC technology for wireless applications
- Comprehensive security thanks to Samsung KNOX
- Suitable for use with gloves
- Google ARCore
- Samsung DeX Mode
- MIL-STD-810H
- 64 GB internal memory
- Micro SD slot (up to 1 TB)
- Replaceable SIM
- Wireless connections such as WWAN, 4G LTE, WLAN and Bluetooth®
- Micro SD slot, 512 GB
- 13 MP rear camera + 5 MP front camera
- Verizon, AT&, T-Mobile

Tab-Ex 03 DZ2 (DIV 2 and Zone 2/22), latest available Android firmware release, WWAN (LTE) incl. Wi-Fi, with camera, with microSD card, version for Northern America



## Technical Data

### Hardware

|                            |                                                                                                     |
|----------------------------|-----------------------------------------------------------------------------------------------------|
| Processor                  | Octa-core, 4 x 2.7 GHz + 4 x 1.7 GHz<br>Exynos 9810                                                 |
| RAM                        | 4 GB                                                                                                |
| Camera                     |                                                                                                     |
| Front camera               | 5 MP                                                                                                |
| Main camera                | 13 MP Autofocus                                                                                     |
| Video recording resolution | UHD 4K (3840 x 2160 Pixel) @ 30 fps                                                                 |
| Internal data memory       | 64 GByte<br>Free available memory 48.6 GByte                                                        |
| Optional data memory       | microSD (up to 1024 GB)<br>512 GB installed                                                         |
| Sensors                    | Acceleration sensor, gyroscope, proximity sensor, geomagnetic sensor, Hall sensor, RGB light sensor |
| Speaker                    | yes                                                                                                 |

### Indicators/operating means

|                        |                                      |
|------------------------|--------------------------------------|
| Display                | Can be operated while wearing gloves |
| Touchscreen technology | Capacitive multitouch                |
| Type                   | TFT, LCD                             |
| Screen diagonal        | 20.31 cm                             |
| Aspect ratio           | 16:10                                |
| Resolution             | 1920 x 1200 (WUXGA)                  |
| Brightness             | 480 cd/m <sup>2</sup> (nit)          |
| Colors                 | 16 Mio.                              |

### Electrical specifications

|                    |                                                                  |
|--------------------|------------------------------------------------------------------|
| Battery type       | Li-Ion 18.87 WH, 3.8 V<br>5050 mAh (typical)<br>4900 mAh (rated) |
| Operating duration | up to 11 h                                                       |

## Technical Data

|                                                                |  |                                                                                                                                                               |
|----------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Communication</b>                                           |  |                                                                                                                                                               |
| Mobile standard                                                |  |                                                                                                                                                               |
| 3G                                                             |  | UMTS: B1, B2, B4, B5, B8                                                                                                                                      |
| 4G                                                             |  | LTE FDD: B2, B3, B4, B5, B7, B8, B12, B13, B14, B20, B25, B26, B29, B66, B71<br>LTE TDD: B41                                                                  |
| WLAN                                                           |  | 802.11 a/b/g/n/AC/ax 2.4 G+5 GHz, HE80, MIMO, 1024 QAM                                                                                                        |
| Bluetooth                                                      |  | Bluetooth® 5.0                                                                                                                                                |
| GPS sensor                                                     |  | GPS, Glonass, Beidou, Galileo                                                                                                                                 |
| USB                                                            |  | USB 3.1 Gen. 1                                                                                                                                                |
| Connections                                                    |  | Wi-Fi Direct, NFC, ANT+                                                                                                                                       |
| SIM card                                                       |  | 1x Nano SIM (4FF)                                                                                                                                             |
| <b>Software</b>                                                |  |                                                                                                                                                               |
| Operating system                                               |  | Android™ 13                                                                                                                                                   |
| Safety                                                         |  | Samsung KNOX 3.x                                                                                                                                              |
| SMS/MMS                                                        |  | yes                                                                                                                                                           |
| <b>Ambient conditions</b>                                      |  |                                                                                                                                                               |
| Ambient temperature                                            |  | -20 ... 55 °C (-4 ... 131 °F)                                                                                                                                 |
| <b>Mechanical specifications</b>                               |  |                                                                                                                                                               |
| Degree of protection                                           |  | IP64 according to EN/IEC 60079-0 (ATEX/IECEX)<br>IP68* according to EN/IEC 60529 (industrial standard) and MIL-STD-810H                                       |
| Mass                                                           |  | 610 g                                                                                                                                                         |
| Dimensions                                                     |  |                                                                                                                                                               |
| W x H x D                                                      |  | 126.8 mm x 213.8 mm x 9.9 mm                                                                                                                                  |
| <b>Data for application in connection with hazardous areas</b> |  |                                                                                                                                                               |
| ATEX approval                                                  |  |                                                                                                                                                               |
| Certificate of conformity                                      |  | EPS 21 ATEX 1 093 X                                                                                                                                           |
| ATEX marking                                                   |  | Ⓜ II 3G Ex ic IIC T5 Gc IP64<br>Ⓜ II 3D Ex ic IIIC T85°C Dc                                                                                                   |
| <b>International approvals</b>                                 |  |                                                                                                                                                               |
| SGS approval                                                   |  |                                                                                                                                                               |
| SGS certificate                                                |  | SGSNA/21/SUW00045X                                                                                                                                            |
| Approved for                                                   |  | Class I, Division 2 Groups A, B, C, D T5<br>Class II, Division 2 Groups F, G T100°C<br>Class III<br>Class I, Zone 2 Group IIC T5<br>Zone 22 Group IIIB T100°C |
| IECEX approval                                                 |  |                                                                                                                                                               |
| IECEX certificate                                              |  | IECEX EPS 21.0033X                                                                                                                                            |
| IECEX marking                                                  |  | Ex ic IIC T5 Gc IP64<br>Ex ic IIIC T85°C Dc                                                                                                                   |
| Approved for                                                   |  | Northern America                                                                                                                                              |
| Further approvals                                              |  | MIL-STD-810H                                                                                                                                                  |
| <b>General information</b>                                     |  |                                                                                                                                                               |
| Scope of delivery                                              |  | Tab-Ex® 03<br>Battery<br>Ex-protective cover<br>S Pen<br>USB cable<br>Charger<br>Documentation<br>Micro SD flash card                                         |

## Accessories



## Tablet computer

### Tab-Ex® 03 DZ2

#### TAB-EX03-DZ2-WIFIARG-CN-000-NC



- NFC technology for wireless applications
- Comprehensive security thanks to Samsung KNOX
- Suitable for use with gloves
- Google ARCore
- Samsung DeX Mode
- MIL-STD-810H
- 64 GB internal memory
- Micro SD slot (up to 1 TB)
- 13 MP rear camera + 5 MP front camera

Tab-Ex 03 DZ2 (DIV 2 and Zone 2/22), latest available Android firmware release, Wi-Fi, with camera, no charger, version for Argentina



## Technical Data

### Hardware

|                            |                                                                                                     |
|----------------------------|-----------------------------------------------------------------------------------------------------|
| Processor                  | Octa-core, 4 x 2.7 GHz + 4 x 1.7 GHz<br>Exynos 9810                                                 |
| RAM                        | 4 GB                                                                                                |
| Camera                     |                                                                                                     |
| Front camera               | 5 MP                                                                                                |
| Main camera                | 13 MP Autofocus                                                                                     |
| Video recording resolution | UHD 4K (3840 x 2160 Pixel) @ 30 fps                                                                 |
| Internal data memory       | 64 GByte<br>Free available memory 48.6 GByte                                                        |
| Optional data memory       | Expandable to 1 TB with microSD card                                                                |
| Sensors                    | Acceleration sensor, gyroscope, proximity sensor, geomagnetic sensor, Hall sensor, RGB light sensor |
| Speaker                    | yes                                                                                                 |

### Indicators/operating means

|                        |                                      |
|------------------------|--------------------------------------|
| Display                | Can be operated while wearing gloves |
| Touchscreen technology | Capacitive multitouch                |
| Type                   | TFT, LCD                             |
| Screen diagonal        | 20.31 cm                             |
| Aspect ratio           | 16:10                                |
| Resolution             | 1920 x 1200 (WUXGA)                  |
| Brightness             | 480 cd/m <sup>2</sup> (nit)          |
| Colors                 | 16 Mio.                              |

### Electrical specifications

|                    |                                                                  |
|--------------------|------------------------------------------------------------------|
| Battery type       | Li-Ion 18.87 WH, 3.8 V<br>5050 mAh (typical)<br>4900 mAh (rated) |
| Operating duration | up to 11 h                                                       |

### Communication

|            |                                                        |
|------------|--------------------------------------------------------|
| WLAN       | 802.11 a/b/g/n/AC/ax 2.4 G+5 GHz, HE80, MIMO, 1024 QAM |
| Bluetooth  | Bluetooth® 5.0                                         |
| GPS sensor | GPS, Glonass, Beidou, Galileo                          |
| USB        | USB 3.1 Gen. 1                                         |

## Technical Data

|                                                                |                                                                                                                         |
|----------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Connections                                                    | Wi-Fi Direct, NFC, ANT+                                                                                                 |
| <b>Software</b>                                                |                                                                                                                         |
| Operating system                                               | Android™ 13                                                                                                             |
| Safety                                                         | Samsung KNOX 3.x                                                                                                        |
| <b>Ambient conditions</b>                                      |                                                                                                                         |
| Ambient temperature                                            | -20 ... 55 °C (-4 ... 131 °F)                                                                                           |
| <b>Mechanical specifications</b>                               |                                                                                                                         |
| Degree of protection                                           | IP64 according to EN/IEC 60079-0 (ATEX/IECEX)<br>IP68* according to EN/IEC 60529 (industrial standard) and MIL-STD-810H |
| Mass                                                           | 610 g                                                                                                                   |
| Dimensions                                                     |                                                                                                                         |
| W x H x D                                                      | 126.8 mm x 213.8 mm x 9.9 mm                                                                                            |
| <b>Data for application in connection with hazardous areas</b> |                                                                                                                         |
| ATEX approval                                                  |                                                                                                                         |
| Certificate of conformity                                      | EPS 21 ATEX 1 093 X                                                                                                     |
| ATEX marking                                                   | Ⓜ II 3G Ex ic IIC T5 Gc IP64<br>Ⓜ II 3D Ex ic IIIC T85°C Dc                                                             |
| <b>International approvals</b>                                 |                                                                                                                         |
| IECEX approval                                                 |                                                                                                                         |
| IECEX certificate                                              | IECEX EPS 21.0033X                                                                                                      |
| IECEX marking                                                  | Ex ic IIC T5 Gc IP64<br>Ex ic IIIC T85°C Dc                                                                             |
| Approved for                                                   | Argentina                                                                                                               |
| Further approvals                                              | MIL-STD-810H                                                                                                            |
| <b>General information</b>                                     |                                                                                                                         |
| Scope of delivery                                              | Tab-Ex® 03<br>Battery<br>Ex-protective cover<br>S Pen<br>USB cable<br>Documentation                                     |

## Accessories



## Tablet computer

### Tab-Ex® 03 DZ2

#### TAB-EX03-DZ2-WWANARG-CN-000-NC



- NFC technology for wireless applications
- Comprehensive security thanks to Samsung KNOX
- Suitable for use with gloves
- Google ARCore
- Samsung DeX Mode
- MIL-STD-810H
- 64 GB internal memory
- Micro SD slot (up to 1 TB)
- Replaceable SIM
- Wireless connections such as WWAN, 4G LTE, WLAN and Bluetooth®
- 13 MP rear camera + 5 MP front camera

Tab-Ex 03 DZ2 (DIV 2 and Zone 2/22), latest available Android firmware release, WWAN (LTE) incl. Wi-Fi, with camera, no charger, version for Argentina



## Technical Data

|                                   |  |                                                                                                     |
|-----------------------------------|--|-----------------------------------------------------------------------------------------------------|
| <b>Hardware</b>                   |  |                                                                                                     |
| Processor                         |  | Octa-core, 4 x 2.7 GHz + 4 x 1.7 GHz<br>Exynos 9810                                                 |
| RAM                               |  | 4 GB                                                                                                |
| <b>Camera</b>                     |  |                                                                                                     |
| Front camera                      |  | 5 MP                                                                                                |
| Main camera                       |  | 13 MP Autofocus                                                                                     |
| Video recording resolution        |  | UHD 4K (3840 x 2160 Pixel) @ 30 fps                                                                 |
| Internal data memory              |  | 64 GByte<br>Free available memory 48.6 GByte                                                        |
| Optional data memory              |  | Expandable to 1 TB with microSD card                                                                |
| Sensors                           |  | Acceleration sensor, gyroscope, proximity sensor, geomagnetic sensor, Hall sensor, RGB light sensor |
| Speaker                           |  | yes                                                                                                 |
| <b>Indicators/operating means</b> |  |                                                                                                     |
| Display                           |  | Can be operated while wearing gloves                                                                |
| Touchscreen technology            |  | Capacitive multitouch                                                                               |
| Type                              |  | TFT, LCD                                                                                            |
| Screen diagonal                   |  | 20.31 cm                                                                                            |
| Aspect ratio                      |  | 16:10                                                                                               |
| Resolution                        |  | 1920 x 1200 (WUXGA)                                                                                 |
| Brightness                        |  | 480 cd/m <sup>2</sup> (nit)                                                                         |
| Colors                            |  | 16 Mio.                                                                                             |
| <b>Electrical specifications</b>  |  |                                                                                                     |
| Battery type                      |  | Li-Ion 18.87 WH, 3.8 V<br>5050 mAh (typical)<br>4900 mAh (rated)                                    |
| Operating duration                |  | up to 11 h                                                                                          |
| <b>Communication</b>              |  |                                                                                                     |
| Mobile standard                   |  |                                                                                                     |

Technical Data

|                                                         |                                                                                                                                                                                                      |
|---------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2G                                                      | GSM 850 MHz, GSM 900 MHz, DCS 1800 MHz, PCS 1900 MHz                                                                                                                                                 |
| 3G                                                      | UMTS band: B1 (2100), B2 (1900), B4 (AWS), B5 (850), B8 (900)                                                                                                                                        |
| 4G                                                      | LTE FDD: B1 (2100), B2 (1900), B3 (1800), B4 (AWS), B5 (850), B7 (2600), B8 (900), B12 (700), B13 (700), B17 (700), B20 (800), B28 (700), B66 (AWS-3)<br>TDD LTE: B38 (2600), B40 (2300), B41 (2500) |
| WLAN                                                    | 802.11 a/b/g/n/AC/ax 2.4 G+5 GHz, HE80, MIMO, 1024 QAM                                                                                                                                               |
| Bluetooth                                               | Bluetooth® 5.0                                                                                                                                                                                       |
| GPS sensor                                              | GPS, Glonass, Beidou, Galileo                                                                                                                                                                        |
| USB                                                     | USB 3.1 Gen. 1                                                                                                                                                                                       |
| Connections                                             | Wi-Fi Direct, NFC, ANT+                                                                                                                                                                              |
| SIM card                                                | 1x Nano SIM (4FF)                                                                                                                                                                                    |
| Software                                                |                                                                                                                                                                                                      |
| Operating system                                        | Android™ 13                                                                                                                                                                                          |
| Safety                                                  | Samsung KNOX 3.x                                                                                                                                                                                     |
| SMS/MMS                                                 | yes                                                                                                                                                                                                  |
| Ambient conditions                                      |                                                                                                                                                                                                      |
| Ambient temperature                                     | -20 ... 55 °C (-4 ... 131 °F)                                                                                                                                                                        |
| Mechanical specifications                               |                                                                                                                                                                                                      |
| Degree of protection                                    | IP64 according to EN/IEC 60079-0 (ATEX/IECEX)<br>IP68* according to EN/IEC 60529 (industrial standard) and MIL-STD-810H                                                                              |
| Mass                                                    | 610 g                                                                                                                                                                                                |
| Dimensions                                              |                                                                                                                                                                                                      |
| W x H x D                                               | 126.8 mm x 213.8 mm x 9.9 mm                                                                                                                                                                         |
| Data for application in connection with hazardous areas |                                                                                                                                                                                                      |
| ATEX approval                                           |                                                                                                                                                                                                      |
| Certificate of conformity                               | EPS 21 ATEX 1 093 X                                                                                                                                                                                  |
| ATEX marking                                            | Ⓔ II 3G Ex ic IIC T5 Gc IP64<br>Ⓔ II 3D Ex ic IIIC T85°C Dc                                                                                                                                          |
| International approvals                                 |                                                                                                                                                                                                      |
| IECEX approval                                          |                                                                                                                                                                                                      |
| IECEX certificate                                       | IECEX EPS 21.0033X                                                                                                                                                                                   |
| IECEX marking                                           | Ex ic IIC T5 Gc IP64<br>Ex ic IIIC T85°C Dc                                                                                                                                                          |
| Approved for                                            | Argentina                                                                                                                                                                                            |
| Further approvals                                       | MIL-STD-810H                                                                                                                                                                                         |
| General information                                     |                                                                                                                                                                                                      |
| Scope of delivery                                       | Tab-Ex® 03<br>Battery<br>Ex-protective cover<br>S Pen<br>USB cable<br>Documentation                                                                                                                  |

Accessories



## Tablet computer

### Tab-Ex® 03 DZ2

#### TAB-EX03-DZ2-WIFIARG-CS-000-NC



- NFC technology for wireless applications
- Comprehensive security thanks to Samsung KNOX
- Suitable for use with gloves
- Google ARCore
- Samsung DeX Mode
- MIL-STD-810H
- 64 GB internal memory
- Micro SD slot (up to 1 TB)
- Micro SD slot, 512 GB
- 13 MP rear camera + 5 MP front camera

Tab-Ex 03 DZ2 (DIV 2 and Zone 2/22), latest available Android firmware release, Wi-Fi, with camera, with microSD card, no charger, version for Argentina



## Technical Data

| Hardware                   |  |                                                                                                     |
|----------------------------|--|-----------------------------------------------------------------------------------------------------|
| Processor                  |  | Octa-core, 4 x 2.7 GHz + 4 x 1.7 GHz<br>Exynos 9810                                                 |
| RAM                        |  | 4 GB                                                                                                |
| Camera                     |  |                                                                                                     |
| Front camera               |  | 5 MP                                                                                                |
| Main camera                |  | 13 MP Autofocus                                                                                     |
| Video recording resolution |  | UHD 4K (3840 x 2160 Pixel) @ 30 fps                                                                 |
| Internal data memory       |  | 64 GByte<br>Free available memory 48.6 GByte                                                        |
| Optional data memory       |  | microSD (up to 1024 GB)<br>512 GB installed                                                         |
| Sensors                    |  | Acceleration sensor, gyroscope, proximity sensor, geomagnetic sensor, Hall sensor, RGB light sensor |
| Speaker                    |  | yes                                                                                                 |
| Indicators/operating means |  |                                                                                                     |
| Display                    |  | Can be operated while wearing gloves                                                                |
| Touchscreen technology     |  | Capacitive multitouch                                                                               |
| Type                       |  | TFT, LCD                                                                                            |
| Screen diagonal            |  | 20.31 cm                                                                                            |
| Aspect ratio               |  | 16:10                                                                                               |
| Resolution                 |  | 1920 x 1200 (WUXGA)                                                                                 |
| Brightness                 |  | 480 cd/m <sup>2</sup> (nit)                                                                         |
| Colors                     |  | 16 Mio.                                                                                             |
| Electrical specifications  |  |                                                                                                     |
| Battery type               |  | Li-Ion 18.87 WH, 3.8 V<br>5050 mAh (typical)<br>4900 mAh (rated)                                    |
| Operating duration         |  | up to 11 h                                                                                          |
| Communication              |  |                                                                                                     |
| WLAN                       |  | 802.11 a/b/g/n/AC/ax 2.4 G+5 GHz, HE80, MIMO, 1024 QAM                                              |
| Bluetooth                  |  | Bluetooth® 5.0                                                                                      |
| GPS sensor                 |  | GPS, Glonass, Beidou, Galileo                                                                       |



## Technical Data

|                                                                |                                                                                                                         |
|----------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| USB                                                            | USB 3.1 Gen. 1                                                                                                          |
| Connections                                                    | Wi-Fi Direct, NFC, ANT+                                                                                                 |
| <b>Software</b>                                                |                                                                                                                         |
| Operating system                                               | Android™ 13                                                                                                             |
| Safety                                                         | Samsung KNOX 3.x                                                                                                        |
| <b>Ambient conditions</b>                                      |                                                                                                                         |
| Ambient temperature                                            | -20 ... 55 °C (-4 ... 131 °F)                                                                                           |
| <b>Mechanical specifications</b>                               |                                                                                                                         |
| Degree of protection                                           | IP64 according to EN/IEC 60079-0 (ATEX/IECEX)<br>IP68* according to EN/IEC 60529 (industrial standard) and MIL-STD-810H |
| Mass                                                           | 610 g                                                                                                                   |
| Dimensions                                                     |                                                                                                                         |
| W x H x D                                                      | 126.8 mm x 213.8 mm x 9.9 mm                                                                                            |
| <b>Data for application in connection with hazardous areas</b> |                                                                                                                         |
| ATEX approval                                                  |                                                                                                                         |
| Certificate of conformity                                      | EPS 21 ATEX 1 093 X                                                                                                     |
| ATEX marking                                                   | Ⓜ II 3G Ex ic IIC T5 Gc IP64<br>Ⓜ II 3D Ex ic IIIC T85°C Dc                                                             |
| <b>International approvals</b>                                 |                                                                                                                         |
| IECEX approval                                                 |                                                                                                                         |
| IECEX certificate                                              | IECEX EPS 21.0033X                                                                                                      |
| IECEX marking                                                  | Ex ic IIC T5 Gc IP64<br>Ex ic IIIC T85°C Dc                                                                             |
| Approved for                                                   | Argentina                                                                                                               |
| Further approvals                                              | MIL-STD-810H                                                                                                            |
| <b>General information</b>                                     |                                                                                                                         |
| Scope of delivery                                              | Tab-Ex® 03<br>Battery<br>Ex-protective cover<br>S Pen<br>USB cable<br>Documentation<br>Micro SD flash card              |

## Accessories



## Tablet computer

### Tab-Ex® 03 DZ2

#### TAB-EX03-DZ2-WWANARG-CS-000-NC



- NFC technology for wireless applications
- Comprehensive security thanks to Samsung KNOX
- Suitable for use with gloves
- Google ARCore
- Samsung DeX Mode
- MIL-STD-810H
- 64 GB internal memory
- Micro SD slot (up to 1 TB)
- Replaceable SIM
- Wireless connections such as WWAN, 4G LTE, WLAN and Bluetooth®
- Micro SD slot, 512 GB
- 13 MP rear camera + 5 MP front camera

Tab-Ex 03 DZ2 (DIV 2 and Zone 2/22), latest available Android firmware release, WWAN (LTE) incl. Wi-Fi, with camera, with microSD card, no charger, version for Argentina



## Technical Data

| Hardware                   |  |                                                                                                     |
|----------------------------|--|-----------------------------------------------------------------------------------------------------|
| Processor                  |  | Octa-core, 4 x 2.7 GHz + 4 x 1.7 GHz<br>Exynos 9810                                                 |
| RAM                        |  | 4 GB                                                                                                |
| Camera                     |  |                                                                                                     |
| Front camera               |  | 5 MP                                                                                                |
| Main camera                |  | 13 MP Autofocus                                                                                     |
| Video recording resolution |  | UHD 4K (3840 x 2160 Pixel) @ 30 fps                                                                 |
| Internal data memory       |  | 64 GByte<br>Free available memory 48.6 GByte                                                        |
| Optional data memory       |  | microSD (up to 1024 GB)<br>512 GB installed                                                         |
| Sensors                    |  | Acceleration sensor, gyroscope, proximity sensor, geomagnetic sensor, Hall sensor, RGB light sensor |
| Speaker                    |  | yes                                                                                                 |
| Indicators/operating means |  |                                                                                                     |
| Display                    |  | Can be operated while wearing gloves                                                                |
| Touchscreen technology     |  | Capacitive multitouch                                                                               |
| Type                       |  | TFT, LCD                                                                                            |
| Screen diagonal            |  | 20.31 cm                                                                                            |
| Aspect ratio               |  | 16:10                                                                                               |
| Resolution                 |  | 1920 x 1200 (WUXGA)                                                                                 |
| Brightness                 |  | 480 cd/m <sup>2</sup> (nit)                                                                         |
| Colors                     |  | 16 Mio.                                                                                             |
| Electrical specifications  |  |                                                                                                     |
| Battery type               |  | Li-Ion 18.87 WH, 3.8 V<br>5050 mAh (typical)<br>4900 mAh (rated)                                    |
| Operating duration         |  | up to 11 h                                                                                          |
| Communication              |  |                                                                                                     |

## Technical Data

|                                                                |  |                                                                                                                                                                                                      |
|----------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Mobile standard                                                |  |                                                                                                                                                                                                      |
| 2G                                                             |  | GSM 850 MHz, GSM 900 MHz, DCS 1800 MHz, PCS 1900 MHz                                                                                                                                                 |
| 3G                                                             |  | UMTS band: B1 (2100), B2 (1900), B4 (AWS), B5 (850), B8 (900)                                                                                                                                        |
| 4G                                                             |  | LTE FDD: B1 (2100), B2 (1900), B3 (1800), B4 (AWS), B5 (850), B7 (2600), B8 (900), B12 (700), B13 (700), B17 (700), B20 (800), B28 (700), B66 (AWS-3)<br>TDD LTE: B38 (2600), B40 (2300), B41 (2500) |
| WLAN                                                           |  | 802.11 a/b/g/n/AC/ax 2.4 G+5 GHz, HE80, MIMO, 1024 QAM                                                                                                                                               |
| Bluetooth                                                      |  | Bluetooth® 5.0                                                                                                                                                                                       |
| GPS sensor                                                     |  | GPS, Glonass, Beidou, Galileo                                                                                                                                                                        |
| USB                                                            |  | USB 3.1 Gen. 1                                                                                                                                                                                       |
| Connections                                                    |  | Wi-Fi Direct, NFC, ANT+                                                                                                                                                                              |
| SIM card                                                       |  | 1x Nano SIM (4FF)                                                                                                                                                                                    |
| <b>Software</b>                                                |  |                                                                                                                                                                                                      |
| Operating system                                               |  | Android™ 13                                                                                                                                                                                          |
| Safety                                                         |  | Samsung KNOX 3.x                                                                                                                                                                                     |
| SMS/MMS                                                        |  | yes                                                                                                                                                                                                  |
| <b>Ambient conditions</b>                                      |  |                                                                                                                                                                                                      |
| Ambient temperature                                            |  | -20 ... 55 °C (-4 ... 131 °F)                                                                                                                                                                        |
| <b>Mechanical specifications</b>                               |  |                                                                                                                                                                                                      |
| Degree of protection                                           |  | IP64 according to EN/IEC 60079-0 (ATEX/IECEX)<br>IP68* according to EN/IEC 60529 (industrial standard) and MIL-STD-810H                                                                              |
| Mass                                                           |  | 610 g                                                                                                                                                                                                |
| Dimensions                                                     |  |                                                                                                                                                                                                      |
| W x H x D                                                      |  | 126.8 mm x 213.8 mm x 9.9 mm                                                                                                                                                                         |
| <b>Data for application in connection with hazardous areas</b> |  |                                                                                                                                                                                                      |
| ATEX approval                                                  |  |                                                                                                                                                                                                      |
| Certificate of conformity                                      |  | EPS 21 ATEX 1 093 X                                                                                                                                                                                  |
| ATEX marking                                                   |  | Ⓔ II 3G Ex ic IIC T5 Gc IP64<br>Ⓔ II 3D Ex ic IIIC T85°C Dc                                                                                                                                          |
| <b>International approvals</b>                                 |  |                                                                                                                                                                                                      |
| IECEX approval                                                 |  |                                                                                                                                                                                                      |
| IECEX certificate                                              |  | IECEX EPS 21.0033X                                                                                                                                                                                   |
| IECEX marking                                                  |  | Ex ic IIC T5 Gc IP64<br>Ex ic IIIC T85°C Dc                                                                                                                                                          |
| Approved for                                                   |  | Argentina                                                                                                                                                                                            |
| Further approvals                                              |  | MIL-STD-810H                                                                                                                                                                                         |
| <b>General information</b>                                     |  |                                                                                                                                                                                                      |
| Scope of delivery                                              |  | Tab-Ex® 03<br>Battery<br>Ex-protective cover<br>S Pen<br>USB cable<br>Documentation<br>Micro SD flash card                                                                                           |

## Accessories



## Tablet computer

### Tab-Ex® 03 DZ2

TAB-EX03-DZ2-WIFIIDN-CN-000-..



- NFC technology for wireless applications
- Comprehensive security thanks to Samsung KNOX
- Suitable for use with gloves
- Google ARCore
- Samsung DeX Mode
- MIL-STD-810H
- 64 GB internal memory
- Micro SD slot (up to 1 TB)
- 13 MP rear camera + 5 MP front camera

Tab-Ex 03 DZ2 (DIV 2 and Zone 2/22), latest available Android firmware release, Wi-Fi, with camera, version for Indonesia



## Technical Data

| Hardware                   |  |                                                                                                     |
|----------------------------|--|-----------------------------------------------------------------------------------------------------|
| Processor                  |  | Octa-core, 4 x 2.7 GHz + 4 x 1.7 GHz<br>Exynos 9810                                                 |
| RAM                        |  | 4 GB                                                                                                |
| Camera                     |  |                                                                                                     |
| Front camera               |  | 5 MP                                                                                                |
| Main camera                |  | 13 MP Autofocus                                                                                     |
| Video recording resolution |  | UHD 4K (3840 x 2160 Pixel) @ 30 fps                                                                 |
| Internal data memory       |  | 64 GByte<br>Free available memory 48.6 GByte                                                        |
| Optional data memory       |  | Expandable to 1 TB with microSD card                                                                |
| Sensors                    |  | Acceleration sensor, gyroscope, proximity sensor, geomagnetic sensor, Hall sensor, RGB light sensor |
| Speaker                    |  | yes                                                                                                 |
| Indicators/operating means |  |                                                                                                     |
| Display                    |  | Can be operated while wearing gloves                                                                |
| Touchscreen technology     |  | Capacitive multitouch                                                                               |
| Type                       |  | TFT, LCD                                                                                            |
| Screen diagonal            |  | 20.31 cm                                                                                            |
| Aspect ratio               |  | 16:10                                                                                               |
| Resolution                 |  | 1920 x 1200 (WUXGA)                                                                                 |
| Brightness                 |  | 480 cd/m <sup>2</sup> (nit)                                                                         |
| Colors                     |  | 16 Mio.                                                                                             |
| Electrical specifications  |  |                                                                                                     |
| Battery type               |  | Li-Ion 18.87 WH, 3.8 V<br>5050 mAh (typical)<br>4900 mAh (rated)                                    |
| Operating duration         |  | up to 11 h                                                                                          |
| Communication              |  |                                                                                                     |
| WLAN                       |  | 802.11 a/b/g/n/AC/ax 2.4 G+5 GHz, HE80, MIMO, 1024 QAM                                              |
| Bluetooth                  |  | Bluetooth® 5.0                                                                                      |
| GPS sensor                 |  | GPS, Glonass, Beidou, Galileo                                                                       |
| USB                        |  | USB 3.1 Gen. 1                                                                                      |
| Connections                |  | Wi-Fi Direct, NFC, ANT+                                                                             |

## Technical Data

|                                                                |                                                                                                                         |
|----------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| SIM card                                                       | 1x Nano SIM (4FF)                                                                                                       |
| <b>Software</b>                                                |                                                                                                                         |
| Operating system                                               | Android™ 13                                                                                                             |
| Safety                                                         | Samsung KNOX 3.x                                                                                                        |
| SMS/MMS                                                        | yes                                                                                                                     |
| <b>Ambient conditions</b>                                      |                                                                                                                         |
| Ambient temperature                                            | -20 ... 55 °C (-4 ... 131 °F)                                                                                           |
| <b>Mechanical specifications</b>                               |                                                                                                                         |
| Degree of protection                                           | IP64 according to EN/IEC 60079-0 (ATEX/IECEX)<br>IP68* according to EN/IEC 60529 (industrial standard) and MIL-STD-810H |
| Mass                                                           | 610 g                                                                                                                   |
| Dimensions                                                     |                                                                                                                         |
| W x H x D                                                      | 126.8 mm x 213.8 mm x 9.9 mm                                                                                            |
| <b>Data for application in connection with hazardous areas</b> |                                                                                                                         |
| ATEX approval                                                  |                                                                                                                         |
| Certificate of conformity                                      | EPS 21 ATEX 1 093 X                                                                                                     |
| ATEX marking                                                   | Ⓔ II 3G Ex ic IIC T5 Gc IP64<br>Ⓔ II 3D Ex ic IIIC T85°C Dc                                                             |
| <b>International approvals</b>                                 |                                                                                                                         |
| IECEX approval                                                 |                                                                                                                         |
| IECEX certificate                                              | IECEX EPS 21.0033X                                                                                                      |
| IECEX marking                                                  | Ex ic IIC T5 Gc IP64<br>Ex ic IIIC T85°C Dc                                                                             |
| Approved for                                                   | Indonesia                                                                                                               |
| Further approvals                                              | MIL-STD-810H                                                                                                            |
| <b>General information</b>                                     |                                                                                                                         |
| Scope of delivery                                              | Tab-Ex® 03<br>Battery<br>Ex-protective cover<br>S Pen<br>USB cable<br>Charger<br>Documentation                          |

## Accessories



## Tablet computer

### Tab-Ex® 03 DZ2

TAB-EX03-DZ2-WWANBHR-  
NN-000-..



- NFC technology for wireless applications
- Comprehensive security thanks to Samsung KNOX
- Suitable for use with gloves
- Google ARCore
- Samsung DeX Mode
- MIL-STD-810H
- 64 GB internal memory
- Micro SD slot (up to 1 TB)
- Replaceable SIM
- Wireless connections such as WWAN, 4G LTE, WLAN and Bluetooth®

Tab-Ex 03 DZ2 (DIV 2 and Zone 2/22), latest available Android firmware release, WWAN (LTE) incl. Wi-Fi, no camera, version for Bahrain



## Technical Data

### Hardware

|                      |                                                                                                     |
|----------------------|-----------------------------------------------------------------------------------------------------|
| Processor            | Octa-core, 4 x 2.7 GHz + 4 x 1.7 GHz<br>Exynos 9810                                                 |
| RAM                  | 4 GB                                                                                                |
| Internal data memory | 64 GByte<br>Free available memory 48.6 GByte                                                        |
| Optional data memory | Expandable to 1 TB with microSD card                                                                |
| Sensors              | Acceleration sensor, gyroscope, proximity sensor, geomagnetic sensor, Hall sensor, RGB light sensor |
| Speaker              | yes                                                                                                 |

### Indicators/operating means

|                        |                                      |
|------------------------|--------------------------------------|
| Display                | Can be operated while wearing gloves |
| Touchscreen technology | Capacitive multitouch                |
| Type                   | TFT, LCD                             |
| Screen diagonal        | 20.31 cm                             |
| Aspect ratio           | 16:10                                |
| Resolution             | 1920 x 1200 (WUXGA)                  |
| Brightness             | 480 cd/m <sup>2</sup> (nit)          |
| Colors                 | 16 Mio.                              |

### Electrical specifications

|                    |                                                                  |
|--------------------|------------------------------------------------------------------|
| Battery type       | Li-Ion 18.87 WH, 3.8 V<br>5050 mAh (typical)<br>4900 mAh (rated) |
| Operating duration | up to 11 h                                                       |

### Communication

|                 |                                                                                                                                                                                                      |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Mobile standard |                                                                                                                                                                                                      |
| 2G              | GSM 850 MHz, GSM 900 MHz, DCS 1800 MHz, PCS 1900 MHz                                                                                                                                                 |
| 3G              | UMTS band: B1 (2100), B2 (1900), B4 (AWS), B5 (850), B8 (900)                                                                                                                                        |
| 4G              | LTE FDD: B1 (2100), B2 (1900), B3 (1800), B4 (AWS), B5 (850), B7 (2600), B8 (900), B12 (700), B13 (700), B17 (700), B20 (800), B28 (700), B66 (AWS-3)<br>TDD LTE: B38 (2600), B40 (2300), B41 (2500) |
| WLAN            | 802.11 a/b/g/n/AC/ax 2.4 G+5 GHz, HE80, MIMO, 1024 QAM                                                                                                                                               |

## Technical Data

|                                                                |                                                                                                                         |
|----------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Bluetooth                                                      | Bluetooth® 5.0                                                                                                          |
| GPS sensor                                                     | GPS, Glonass, Beidou, Galileo                                                                                           |
| USB                                                            | USB 3.1 Gen. 1                                                                                                          |
| Connections                                                    | Wi-Fi Direct, NFC, ANT+                                                                                                 |
| SIM card                                                       | 1x Nano SIM (4FF)                                                                                                       |
| <b>Software</b>                                                |                                                                                                                         |
| Operating system                                               | Android™ 13                                                                                                             |
| Safety                                                         | Samsung KNOX 3.x                                                                                                        |
| SMS/MMS                                                        | yes                                                                                                                     |
| <b>Ambient conditions</b>                                      |                                                                                                                         |
| Ambient temperature                                            | -20 ... 55 °C (-4 ... 131 °F)                                                                                           |
| <b>Mechanical specifications</b>                               |                                                                                                                         |
| Degree of protection                                           | IP64 according to EN/IEC 60079-0 (ATEX/IECEx)<br>IP68* according to EN/IEC 60529 (industrial standard) and MIL-STD-810H |
| Mass                                                           | 610 g                                                                                                                   |
| Dimensions                                                     |                                                                                                                         |
| W x H x D                                                      | 126.8 mm x 213.8 mm x 9.9 mm                                                                                            |
| <b>Data for application in connection with hazardous areas</b> |                                                                                                                         |
| ATEX approval                                                  |                                                                                                                         |
| Certificate of conformity                                      | EPS 21 ATEX 1 093 X                                                                                                     |
| ATEX marking                                                   | Ⓜ II 3G Ex ic IIC T5 Gc IP64<br>Ⓜ II 3D Ex ic IIIC T85°C Dc                                                             |
| <b>International approvals</b>                                 |                                                                                                                         |
| IECEx approval                                                 |                                                                                                                         |
| IECEx certificate                                              | IECEx EPS 21.0033X                                                                                                      |
| IECEx marking                                                  | Ex ic IIC T5 Gc IP64<br>Ex ic IIIC T85°C Dc                                                                             |
| Approved for                                                   | Bahrain                                                                                                                 |
| Further approvals                                              | MIL-STD-810H                                                                                                            |
| <b>General information</b>                                     |                                                                                                                         |
| Scope of delivery                                              | Tab-Ex® 03<br>Battery<br>Ex-protective cover<br>S Pen<br>USB cable<br>Charger<br>Documentation                          |

## Accessories



## Tablet computer

### Tab-Ex® 03 DZ2

TAB-EX03-DZ2-WWANBHR-CN-000-..



- NFC technology for wireless applications
- Comprehensive security thanks to Samsung KNOX
- Suitable for use with gloves
- Google ARCore
- Samsung DeX Mode
- MIL-STD-810H
- 64 GB internal memory
- Micro SD slot (up to 1 TB)
- Replaceable SIM
- Wireless connections such as WWAN, 4G LTE, WLAN and Bluetooth®
- 13 MP rear camera + 5 MP front camera

Tab-Ex 03 DZ2 (DIV 2 and Zone 2/22), latest available Android version, WWAN (LTE) incl. Wi-Fi, with camera, version for Bahrain



## Technical Data

### Hardware

|                            |                                                                                                     |
|----------------------------|-----------------------------------------------------------------------------------------------------|
| Processor                  | Octa-core, 4 x 2.7 GHz + 4 x 1.7 GHz<br>Exynos 9810                                                 |
| RAM                        | 4 GB                                                                                                |
| Camera                     |                                                                                                     |
| Front camera               | 5 MP                                                                                                |
| Main camera                | 13 MP Autofocus                                                                                     |
| Video recording resolution | UHD 4K (3840 x 2160 Pixel) @ 30 fps                                                                 |
| Internal data memory       | 64 GByte<br>Free available memory 48.6 GByte                                                        |
| Optional data memory       | Expandable to 1 TB with microSD card                                                                |
| Sensors                    | Acceleration sensor, gyroscope, proximity sensor, geomagnetic sensor, Hall sensor, RGB light sensor |
| Speaker                    | yes                                                                                                 |

### Indicators/operating means

|                        |                                      |
|------------------------|--------------------------------------|
| Display                | Can be operated while wearing gloves |
| Touchscreen technology | Capacitive multitouch                |
| Type                   | TFT, LCD                             |
| Screen diagonal        | 20.31 cm                             |
| Aspect ratio           | 16:10                                |
| Resolution             | 1920 x 1200 (WUXGA)                  |
| Brightness             | 480 cd/m <sup>2</sup> (nit)          |
| Colors                 | 16 Mio.                              |

### Electrical specifications

|                    |                                                                  |
|--------------------|------------------------------------------------------------------|
| Battery type       | Li-Ion 18.87 WH, 3.8 V<br>5050 mAh (typical)<br>4900 mAh (rated) |
| Operating duration | up to 11 h                                                       |

### Communication

|                 |  |
|-----------------|--|
| Mobile standard |  |
|-----------------|--|



Technical Data

|                                                         |                                                                                                                                                                                                      |
|---------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2G                                                      | GSM 850 MHz, GSM 900 MHz, DCS 1800 MHz, PCS 1900 MHz                                                                                                                                                 |
| 3G                                                      | UMTS band: B1 (2100), B2 (1900), B4 (AWS), B5 (850), B8 (900)                                                                                                                                        |
| 4G                                                      | LTE FDD: B1 (2100), B2 (1900), B3 (1800), B4 (AWS), B5 (850), B7 (2600), B8 (900), B12 (700), B13 (700), B17 (700), B20 (800), B28 (700), B66 (AWS-3)<br>TDD LTE: B38 (2600), B40 (2300), B41 (2500) |
| WLAN                                                    | 802.11 a/b/g/n/AC/ax 2.4 G+5 GHz, HE80, MIMO, 1024 QAM                                                                                                                                               |
| Bluetooth                                               | Bluetooth® 5.0                                                                                                                                                                                       |
| GPS sensor                                              | GPS, Glonass, Beidou, Galileo                                                                                                                                                                        |
| USB                                                     | USB 3.1 Gen. 1                                                                                                                                                                                       |
| Connections                                             | Wi-Fi Direct, NFC, ANT+                                                                                                                                                                              |
| SIM card                                                | 1x Nano SIM (4FF)                                                                                                                                                                                    |
| Software                                                |                                                                                                                                                                                                      |
| Operating system                                        | Android™ 13                                                                                                                                                                                          |
| Safety                                                  | Samsung KNOX 3.x                                                                                                                                                                                     |
| SMS/MMS                                                 | yes                                                                                                                                                                                                  |
| Ambient conditions                                      |                                                                                                                                                                                                      |
| Ambient temperature                                     | -20 ... 55 °C (-4 ... 131 °F)                                                                                                                                                                        |
| Mechanical specifications                               |                                                                                                                                                                                                      |
| Degree of protection                                    | IP64 according to EN/IEC 60079-0 (ATEX/IECEX)<br>IP68* according to EN/IEC 60529 (industrial standard) and MIL-STD-810H                                                                              |
| Mass                                                    | 610 g                                                                                                                                                                                                |
| Dimensions                                              |                                                                                                                                                                                                      |
| W x H x D                                               | 126.8 mm x 213.8 mm x 9.9 mm                                                                                                                                                                         |
| Data for application in connection with hazardous areas |                                                                                                                                                                                                      |
| ATEX approval                                           |                                                                                                                                                                                                      |
| Certificate of conformity                               | EPS 21 ATEX 1 093 X                                                                                                                                                                                  |
| ATEX marking                                            | Ⓔ II 3G Ex ic IIC T5 Gc IP64<br>Ⓔ II 3D Ex ic IIIC T85°C Dc                                                                                                                                          |
| International approvals                                 |                                                                                                                                                                                                      |
| IECEX approval                                          |                                                                                                                                                                                                      |
| IECEX certificate                                       | IECEX EPS 21.0033X                                                                                                                                                                                   |
| IECEX marking                                           | Ex ic IIC T5 Gc IP64<br>Ex ic IIIC T85°C Dc                                                                                                                                                          |
| Approved for                                            | Bahrain                                                                                                                                                                                              |
| Further approvals                                       | MIL-STD-810H                                                                                                                                                                                         |
| General information                                     |                                                                                                                                                                                                      |
| Scope of delivery                                       | Tab-Ex® 03<br>Battery<br>Ex-protective cover<br>S Pen<br>USB cable<br>Charger<br>Documentation                                                                                                       |

Accessories



## Tablet computer

### Tab-Ex® 03 DZ2

TAB-EX03-DZ2-WIFIEUR-NN-000-..



- NFC technology for wireless applications
- Comprehensive security thanks to Samsung KNOX
- Suitable for use with gloves
- Google ARCore
- Samsung DeX Mode
- MIL-STD-810H
- 64 GB internal memory
- Micro SD slot (up to 1 TB)
- 13 MP rear camera + 5 MP front camera

Tab-Ex 03 DZ2 (DIV 2 and Zone 2/22), latest available Android firmware release, Wi-Fi, no camera, version for Europe



## Technical Data

### Hardware

|                      |                                                                                                     |
|----------------------|-----------------------------------------------------------------------------------------------------|
| Processor            | Octa-core, 4 x 2.7 GHz + 4 x 1.7 GHz<br>Exynos 9810                                                 |
| RAM                  | 4 GB                                                                                                |
| Internal data memory | 64 GByte<br>Free available memory 48.6 GByte                                                        |
| Optional data memory | Expandable to 1 TB with microSD card                                                                |
| Sensors              | Acceleration sensor, gyroscope, proximity sensor, geomagnetic sensor, Hall sensor, RGB light sensor |
| Speaker              | yes                                                                                                 |

### Indicators/operating means

|                        |                                      |
|------------------------|--------------------------------------|
| Display                | Can be operated while wearing gloves |
| Touchscreen technology | Capacitive multitouch                |
| Type                   | TFT, LCD                             |
| Screen diagonal        | 20.31 cm                             |
| Aspect ratio           | 16:10                                |
| Resolution             | 1920 x 1200 (WUXGA)                  |
| Brightness             | 480 cd/m <sup>2</sup> (nit)          |
| Colors                 | 16 Mio.                              |

### Electrical specifications

|                    |                                                                  |
|--------------------|------------------------------------------------------------------|
| Battery type       | Li-Ion 18.87 WH, 3.8 V<br>5050 mAh (typical)<br>4900 mAh (rated) |
| Operating duration | up to 11 h                                                       |

### Communication

|             |                                                        |
|-------------|--------------------------------------------------------|
| WLAN        | 802.11 a/b/g/n/AC/ax 2.4 G+5 GHz, HE80, MIMO, 1024 QAM |
| Bluetooth   | Bluetooth® 5.0                                         |
| GPS sensor  | GPS, Glonass, Beidou, Galileo                          |
| USB         | USB 3.1 Gen. 1                                         |
| Connections | Wi-Fi Direct, NFC, ANT+                                |

### Software

|                  |                  |
|------------------|------------------|
| Operating system | Android™ 13      |
| Safety           | Samsung KNOX 3.x |

### Ambient conditions

Technical Data

|                                                         |  |                                                                                                                         |
|---------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------|
| Ambient temperature                                     |  | -20 ... 55 °C (-4 ... 131 °F)                                                                                           |
| Mechanical specifications                               |  |                                                                                                                         |
| Degree of protection                                    |  | IP64 according to EN/IEC 60079-0 (ATEX/IECEX)<br>IP68* according to EN/IEC 60529 (industrial standard) and MIL-STD-810H |
| Mass                                                    |  | 610 g                                                                                                                   |
| Dimensions                                              |  |                                                                                                                         |
| W x H x D                                               |  | 126.8 mm x 213.8 mm x 9.9 mm                                                                                            |
| Data for application in connection with hazardous areas |  |                                                                                                                         |
| ATEX approval                                           |  |                                                                                                                         |
| Certificate of conformity                               |  | EPS 21 ATEX 1 093 X                                                                                                     |
| ATEX marking                                            |  | Ⓜ II 3G Ex ic IIC T5 Gc IP64<br>Ⓜ II 3D Ex ic IIIC T85°C Dc                                                             |
| International approvals                                 |  |                                                                                                                         |
| IECEX approval                                          |  |                                                                                                                         |
| IECEX certificate                                       |  | IECEX EPS 21.0033X                                                                                                      |
| IECEX marking                                           |  | Ex ic IIC T5 Gc IP64<br>Ex ic IIIC T85°C Dc                                                                             |
| Approved for                                            |  | Europe                                                                                                                  |
| Further approvals                                       |  | MIL-STD-810H                                                                                                            |
| General information                                     |  |                                                                                                                         |
| Scope of delivery                                       |  | Tab-Ex® 03<br>Battery<br>Ex-protective cover<br>S Pen<br>USB cable<br>Charger<br>Documentation                          |

Accessories



## Tablet computer

### Tab-Ex® 03 DZ2

#### TAB-EX03-DZ2-\*

**ecom**  
A PEPPERL+FUCHS BRAND

- NFC technology for wireless applications
- Comprehensive security thanks to Samsung KNOX
- Suitable for use with gloves
- Google ARCore
- Samsung DeX Mode
- MIL-STD-810H
- 64 GB internal memory
- Micro SD slot (up to 1 TB)
- Replaceable SIM
- Wireless connections such as WWAN, 4G LTE, WLAN and Bluetooth®
- Micro SD slot, 512 GB
- 13 MP rear camera + 5 MP front camera

Rugged Android™ tablet for use in hazardous areas



## Technical Data

### Hardware

|                            |                                                                                                     |
|----------------------------|-----------------------------------------------------------------------------------------------------|
| Processor                  | Octa-core, 4 x 2.7 GHz + 4 x 1.7 GHz<br>Exynos 9810                                                 |
| RAM                        | 4 GB                                                                                                |
| Camera                     | Version without camera available.                                                                   |
| Front camera               | 5 MP                                                                                                |
| Main camera                | 13 MP Autofocus                                                                                     |
| Video recording resolution | UHD 4K (3840 x 2160 Pixel) @ 30 fps                                                                 |
| Internal data memory       | 64 GByte<br>Free available memory 48.6 GByte                                                        |
| Optional data memory       | <b>Optional:</b><br>microSD (up to 1024 GB)<br>512 GB installed                                     |
| Sensors                    | Acceleration sensor, gyroscope, proximity sensor, geomagnetic sensor, Hall sensor, RGB light sensor |
| Speaker                    | yes                                                                                                 |

### Indicators/operating means

|                        |                                      |
|------------------------|--------------------------------------|
| Display                | Can be operated while wearing gloves |
| Touchscreen technology | Capacitive multitouch                |
| Type                   | TFT, LCD                             |
| Screen diagonal        | 20.31 cm                             |
| Aspect ratio           | 16:10                                |
| Resolution             | 1920 x 1200 (WUXGA)                  |
| Brightness             | 480 cd/m <sup>2</sup> (nit)          |
| Colors                 | 16 Mio.                              |

### Electrical specifications

|                    |                                                                  |
|--------------------|------------------------------------------------------------------|
| Battery type       | Li-Ion 18.87 WH, 3.8 V<br>5050 mAh (typical)<br>4900 mAh (rated) |
| Operating duration | up to 11 h                                                       |

### Communication

|                 |                                         |
|-----------------|-----------------------------------------|
| Mobile standard | Also available in a Wi-Fi only version. |
|-----------------|-----------------------------------------|

## Technical Data

|                                                                |                                                                                                                                                                                                      |
|----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2G                                                             | GSM 850 MHz, GSM 900 MHz, DCS 1800 MHz, PCS 1900 MHz                                                                                                                                                 |
| 3G                                                             | UMTS band: B1 (2100), B2 (1900), B4 (AWS), B5 (850), B8 (900)                                                                                                                                        |
| 4G                                                             | LTE FDD: B1 (2100), B2 (1900), B3 (1800), B4 (AWS), B5 (850), B7 (2600), B8 (900), B12 (700), B13 (700), B17 (700), B20 (800), B28 (700), B66 (AWS-3)<br>TDD LTE: B38 (2600), B40 (2300), B41 (2500) |
| WLAN                                                           | 802.11 a/b/g/n/AC/ax 2.4 G+5 GHz, HE80, MIMO, 1024 QAM                                                                                                                                               |
| Bluetooth                                                      | Bluetooth® 5.0                                                                                                                                                                                       |
| GPS sensor                                                     | GPS, Glonass, Beidou, Galileo                                                                                                                                                                        |
| USB                                                            | USB 3.1 Gen. 1                                                                                                                                                                                       |
| Connections                                                    | Wi-Fi Direct, NFC, ANT+                                                                                                                                                                              |
| SIM card                                                       | 1x Nano SIM (4FF) (optional)                                                                                                                                                                         |
| <b>Software</b>                                                |                                                                                                                                                                                                      |
| Operating system                                               | Android™ 13                                                                                                                                                                                          |
| Safety                                                         | Samsung KNOX 3.x                                                                                                                                                                                     |
| <b>Ambient conditions</b>                                      |                                                                                                                                                                                                      |
| Ambient temperature                                            | -20 ... 55 °C (-4 ... 131 °F)                                                                                                                                                                        |
| <b>Mechanical specifications</b>                               |                                                                                                                                                                                                      |
| Degree of protection                                           | IP64 according to EN/IEC 60079-0 (ATEX/IECEx)<br>IP68* according to EN/IEC 60529 (industrial standard) and MIL-STD-810H                                                                              |
| Mass                                                           | 610 g                                                                                                                                                                                                |
| Dimensions                                                     |                                                                                                                                                                                                      |
| W x H x D                                                      | 126.8 mm x 213.8 mm x 9.9 mm                                                                                                                                                                         |
| <b>Data for application in connection with hazardous areas</b> |                                                                                                                                                                                                      |
| ATEX approval                                                  |                                                                                                                                                                                                      |
| Certificate of conformity                                      | EPS 21 ATEX 1 093 X                                                                                                                                                                                  |
| ATEX marking                                                   | Ⓔ II 3G Ex ic IIC T5 Gc IP64<br>Ⓔ II 3D Ex ic IIIC T85°C Dc                                                                                                                                          |
| <b>International approvals</b>                                 |                                                                                                                                                                                                      |
| SGS approval                                                   |                                                                                                                                                                                                      |
| SGS certificate                                                | SGSNA/21/SUW00045X                                                                                                                                                                                   |
| Approved for                                                   | Class I, Division 2 Groups A, B, C, D T5<br>Class II, Division 2 Groups F, G T100°C<br>Class III<br>Class I, Zone 2 Group IIC T5<br>Zone 22 Group IIIB T100°C                                        |
| IECEx approval                                                 |                                                                                                                                                                                                      |
| IECEx certificate                                              | IECEx EPS 21.0033X                                                                                                                                                                                   |
| IECEx marking                                                  | Ex ic IIC T5 Gc IP64<br>Ex ic IIIC T85°C Dc                                                                                                                                                          |
| INMETRO approval                                               |                                                                                                                                                                                                      |
| INMETRO certificate                                            | TÜV 22.0081 X                                                                                                                                                                                        |
| INMETRO marking                                                | Ex ic IIC T5 Gc<br>Ex ic IIIC T85°C Dc                                                                                                                                                               |
| EAC approval                                                   |                                                                                                                                                                                                      |
| EAC certificate                                                | RU C-DE.AA87.B00128/19                                                                                                                                                                               |
| EAC marking                                                    | 2Ex ic IIC T5 Gc X<br>Ex ic IIIB T100 °C Dc X                                                                                                                                                        |
| KCC approval                                                   |                                                                                                                                                                                                      |
| KCC certificate                                                | 22-KA4BO-0263X<br>22-KA4BO-0264X                                                                                                                                                                     |
| KCC marking                                                    | Ex ic IIC T5 Gc<br>Ex ic IIIC T85°C Dc                                                                                                                                                               |
| IA approval                                                    | MASC S/22-8040X                                                                                                                                                                                      |
| Further approvals                                              | MIL-STD-810H                                                                                                                                                                                         |
| <b>General information</b>                                     |                                                                                                                                                                                                      |
| Note                                                           | * IP68 is based on test conditions for submersion in up to 1.5 meters of freshwater for up to 30 minutes.                                                                                            |

Technical Data

|                   |                                                                                                                                                                              |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Scope of delivery | Tab-Ex® 03<br>Battery<br>Ex-protective cover<br>S Pen<br>USB cable<br>Charger<br>Documentation<br><b>Optional:</b><br>Micro SD flash card<br>Viator Bluetooth HART Interface |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Accessories

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