

Промышленные планшеты серии PAD-Ex 01 P12

Технические характеристики

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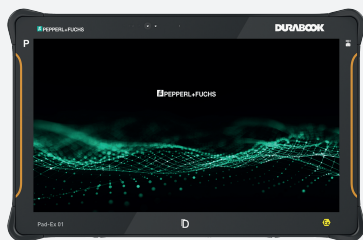
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Tablet computer

Pad-Ex® 01 P12

PAD-EX01P12DZ2BRAC516256WIF000



- 12th generation Intel® Core processor, Windows® 11 Pro
- Intel® Wi-Fi 6E
- 11.6" FHD DynaVueWindows® SR display with 1000 nits
- Can be used in sunlight
- 8 MP camera with autofocus and LED flash
- Thunderbolt® 4
- Micro HDMI
- 6 keys, including 2 user-definable keys
- TPM 2.0
- MIL-STD-810H / MIL-STD-461F standard

Pad-Ex® 01 P12 DZ2 (Div. 2 and Zone 2/22), Wi-Fi, camera, i5 processor, 16 GB RAM, 256 GB SSD, Windows® 11 Pro, version for Brazil



Technical Data

Hardware

Processor	Intel® Core i5-1235U, 12. Gen.
RAM	16 GByte DDR5
Camera	
Front camera	2 MP
Main camera	8 MP Autofocus
Internal data memory	256 GByte NVMe PCIe SSD
Sensors	Acceleration sensor, gyroscope and e-compass, light sensor

Indicators/operating means

Display	Can be operated while wearing gloves
Touchscreen technology	Capacitive multitouch
Type	TFT, LCD
Screen diagonal	29.5 cm (11.6 ")
Aspect ratio	16:9
Resolution	1920x1080 (Full HD)
Brightness	1000 cd/m ² (nit)
Colors	16 Mio.
Key	On/off Volume up / down Windows Touch button Barcode / Camera Touch Button Programmable Touch Button

Electrical specifications

Battery type	Li-Ion battery 43.29 WH 11.1 V 3900 mAh
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Interface

I/O ports	1x Thunderbolt® 4 1x USB 3.2 Gen 2 (Type A) 1x Micro-HDMI 1x Audio in/out (combo jack) 1x microSD card (microSDXC) 1x Docking connector (35-pin Pogo) 1x DC-In jack
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Communication

WLAN	Intel® Wi-Fi 6E AX211 (802.11a/b/g/n/ac/ax)
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Technical Data

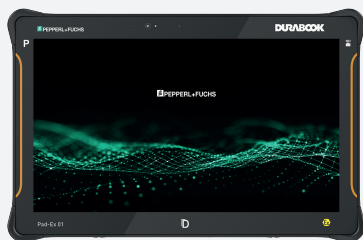
Bluetooth	Bluetooth® 5.3
GPS sensor	GPS, Glonass, Beidou, Galileo
SIM card	1x Nano SIM
Software	
Operating system	Windows® 11 Pro (64 Bit) TPM 2.0
Languages	Deutsch , English (default)
Ambient conditions	
Ambient temperature	-10 ... 55 °C (14 ... 131 °F)
Storage temperature	-10 ... 55 °C (14 ... 131 °F)
Mechanical specifications	
Degree of protection	IP64 MIL-STD-810H / MIL-STD-461F
Mass	1200 g
Dimensions	
W x H x D	298 mm x 192 mm x 20 mm
Data for application in connection with hazardous areas	
ATEX approval	
Certificate of conformity	EPS 16 ATEX 1 163 X
ATEX marking	Ⓜ II 3G Ex ic op is IIC T4 Gc IP64 Ⓜ II 3D Ex ic op is IIIB T135°C Dc IP64
International approvals	
IECEX approval	
IECEX certificate	IECEX EPS 16.0072X
IECEX marking	Ex ic op is IIC T4 Gc IP64 Ex ic op is IIIB T135°C Dc IP64
INMETRO approval	
INMETRO certificate	TÜV 20.1444 X
INMETRO marking	Ex ic op is IIC T4 Gc IP64 Ex ic op is IIIB T135°C Dc IP64
Approved for	Brazil
General information	
Scope of delivery	Pad-Ex® Power supply Power cable Dock Connector with Pass-Through Hand strap Documentation Stylus pen with tether

Accessories

Tablet computer

Pad-Ex® 01 P12

PAD-EX01P12-D2NAMC516256WIF000



- 12th generation Intel® Core processor, Windows® 11 Pro
- Intel® Wi-Fi 6E
- 11.6" FHD DynaVueWindows® SR display with 1000 nits
- Can be used in sunlight
- 8 MP camera with autofocus and LED flash
- Thunderbolt® 4
- Micro HDMI
- 6 keys, including 2 user-definable keys
- TPM 2.0
- MIL-STD-810H / MIL-STD-461F standard

Pad-Ex® 01 P12 D2 (Div. 2), Wi-Fi, camera, i5 processor, 16 GB RAM, 256 GB SSD, Windows® 11 Pro, version for Northern America



Technical Data

Hardware	
Processor	Intel® Core i5-1235U, 12. Gen.
RAM	16 GByte DDR5
Camera	
Front camera	2 MP
Main camera	8 MP Autofocus
Internal data memory	256 GByte NVMe PCIe SSD
Sensors	Acceleration sensor, gyroscope and e-compass, light sensor
Indicators/operating means	
Display	Can be operated while wearing gloves
Touchscreen technology	Capacitive multitouch
Type	TFT, LCD
Screen diagonal	29.5 cm (11.6 ")
Aspect ratio	16:9
Resolution	1920x1080 (Full HD)
Brightness	1000 cd/m ² (nit)
Colors	16 Mio.
Key	On/off Volume up / down Windows Touch button Barcode / Camera Touch Button Programmable Touch Button
Electrical specifications	
Battery type	Li-Ion battery 43.29 WH 11.1 V 3900 mAh
Interface	
I/O ports	1x Thunderbolt® 4 1x USB 3.2 Gen 2 (Type A) 1x Micro-HDMI 1x Audio in/out (combo jack) 1x microSD card (microSDXC) 1x Docking connector (35-pin Pogo) 1x DC-In jack
Communication	
WLAN	Intel® Wi-Fi 6E AX211 (802.11a/b/g/n/ac/ax)

Technical Data

Bluetooth	Bluetooth® 5.3
GPS sensor	GPS, Glonass, Beidou, Galileo
Software	
Operating system	Windows® 11 Pro (64 Bit) TPM 2.0
Languages	Deutsch , English (default)
Ambient conditions	
Ambient temperature	-10 ... 55 °C (14 ... 131 °F)
Storage temperature	-10 ... 55 °C (14 ... 131 °F)
Mechanical specifications	
Degree of protection	IP64 MIL-STD-810H / MIL-STD-461F
Mass	1200 g
Dimensions	
W x H x D	298 mm x 192 mm x 20 mm
International approvals	
SGS approval	
SGS certificate	SGSNA/24/SUW/00031X
Approved for	Class I, Zone 2, AEx ic IIC T4 Gc IP64 Class I, Div 2, Groups A-D T4 Class II, Class III, Zone 22, AEx IIIB T135°C Dc Class II, Div 2, Class III Div 1, Groups F, G, T135°C Ex ic IIC T4 Gc IP64 Ex ic IIIB T135°C Dc IP64
Approved for	Northern America
General information	
Scope of delivery	Pad-Ex® Power supply Power cable Dock Connector with Pass-Through Hand strap Documentation Stylus pen with tether

Accessories



Tablet computer

Pad-Ex® 01 P12

PAD-EX01P12-D2NAMC516256W2D000

- 12th generation Intel® Core processor, Windows® 11 Pro
- Intel® Wi-Fi 6E
- 11.6" FHD DynaVue Windows® SR display with 1000 nits
- Can be used in sunlight
- 8 MP camera with autofocus and LED flash
- Thunderbolt® 4
- Micro HDMI
- 6 keys, including 2 user-definable keys
- TPM 2.0
- MIL-STD-810H / MIL-STD-461F standard

Pad-Ex® 01 P12 D2 (Div. 2), Wi-Fi, camera, i5 processor, 16 GB RAM, 256 GB SSD, Windows® 11 Pro, incl. 1-D/2-D barcode scanner, incl. 1-D/2-D barcode scanner, version for Northern America



Technical Data

Hardware		
Processor		Intel® Core i5-1235U, 12. Gen.
RAM		16 GByte DDR5
Camera		
Front camera		2 MP
Main camera		8 MP Autofocus
Scanner		1-D/2-D barcode scanner Honeywell N670X Series scan engine
Internal data memory		256 GByte NVMe PCIe SSD
Sensors		Acceleration sensor, gyroscope and e-compass, light sensor
Indicators/operating means		
Display		Can be operated while wearing gloves
Touchscreen technology		Capacitive multitouch
Type		TFT, LCD
Screen diagonal		29.5 cm (11.6 ")
Aspect ratio		16:9
Resolution		1920x1080 (Full HD)
Brightness		1000 cd/m ² (nit)
Colors		16 Mio.
Key		On/off Volume up / down Windows Touch button Barcode / Camera Touch Button Programmable Touch Button
Electrical specifications		
Battery type		Li-Ion battery 43.29 WH 11.1 V 3900 mAh
Interface		
I/O ports		1x Thunderbolt® 4 1x USB 3.2 Gen 2 (Type A) 1x Micro-HDMI 1x Audio in/out (combo jack) 1x microSD card (microSDXC) 1x Docking connector (35-pin Pogo) 1x DC-In jack

Technical Data

Communication		
WLAN		Intel® Wi-Fi 6E AX211 (802.11a/b/g/n/ac/ax)
Bluetooth		Bluetooth® 5.3
GPS sensor		GPS, Glonass, Beidou, Galileo
Software		
Operating system		Windows® 11 Pro (64 Bit) TPM 2.0
Languages		Deutsch , English (default)
Ambient conditions		
Ambient temperature		-10 ... 55 °C (14 ... 131 °F)
Storage temperature		-10 ... 55 °C (14 ... 131 °F)
Mechanical specifications		
Degree of protection		IP64 MIL-STD-810H / MIL-STD-461F
Mass		1200 g
Dimensions		
W x H x D		298 mm x 192 mm x 20 mm
International approvals		
SGS approval		
SGS certificate		SGSNA/24/SUW/00031X
Approved for		Class I, Zone 2, AEx ic IIC T4 Gc IP64 Class I, Div 2, Groups A-D T4 Class II, Class III, Zone 22, AEx IIIB T135°C Dc Class II, Div 2, Class III Div 1, Groups F, G, T135°C Ex ic IIC T4 Gc IP64 Ex ic IIIB T135°C Dc IP64
Approved for		Northern America
General information		
Scope of delivery		Pad-Ex® Power supply Power cable Dock Connector with Pass-Through Hand strap Documentation Stylus pen with tether

Accessories



Tablet computer

Pad-Ex® 01 P12

PAD-EX01P12-D2NAMC516256LTE000

- 12th generation Intel® Core processor, Windows® 11 Pro
- Intel® Wi-Fi 6E
- 11.6" FHD DynaVue Windows® SR display with 1000 nits
- Can be used in sunlight
- 8 MP camera with autofocus and LED flash
- Thunderbolt® 4
- Micro HDMI
- 6 keys, including 2 user-definable keys
- TPM 2.0
- Support for 4G LTE and GPS/Augmented Reality
- Sierra Wireless EM 7565 Module
- MIL-STD-810H / MIL-STD-461F standard

Pad-Ex® 01 P12 D2 (Div. 2), LTE, camera, i5 processor, 16 GB RAM, 256 GB SSD, Windows® 11 Pro, version for Northern America



Technical Data

Hardware

Processor	Intel® Core i5-1235U, 12. Gen.
RAM	16 GByte DDR5
Camera	
Front camera	2 MP
Main camera	8 MP Autofocus
Internal data memory	256 GByte NVMe PCIe SSD
Sensors	Acceleration sensor, gyroscope and e-compass, light sensor

Indicators/operating means

Display	Can be operated while wearing gloves
Touchscreen technology	Capacitive multitouch
Type	TFT, LCD
Screen diagonal	29.5 cm (11.6 ")
Aspect ratio	16:9
Resolution	1920x1080 (Full HD)
Brightness	1000 cd/m ² (nit)
Colors	16 Mio.
Key	On/off Volume up / down Windows Touch button Barcode / Camera Touch Button Programmable Touch Button

Electrical specifications

Battery type	Li-Ion battery 43.29 WH 11.1 V 3900 mAh
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Interface

I/O ports	1x Thunderbolt® 4 1x USB 3.2 Gen 2 (Type A) 1x Micro-HDMI 1x Audio in/out (combo jack) 1x microSD card (microSDXC) 1x Docking connector (35-pin Pogo) 1x DC-In jack
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Technical Data

Communication

Mobile standard	
3G	HSPA+ B1, B2, B4, B5, B6, B8, B9, B19
4G	LTE Please note (only U.S. market): AT&T is the only supported mobile carrier for the U.S. market. B1, B2, B3, B4, B5, B7, B8, B9, B12, B13, B18, B19, B20, B26, B28, B29, B30, B32, B41, B42, B43, B46, B48, B66
WLAN	Intel® Wi-Fi 6E AX211 (802.11a/b/g/n/ac/ax)
Bluetooth	Bluetooth® 5.3
GPS sensor	GPS, Glonass, Beidou, Galileo
SIM card	1x Nano SIM

Software

Operating system	Windows® 11 Pro (64 Bit) TPM 2.0
Languages	Deutsch , English (default)

Ambient conditions

Ambient temperature	-10 ... 55 °C (14 ... 131 °F)
Storage temperature	-10 ... 55 °C (14 ... 131 °F)

Mechanical specifications

Degree of protection	IP64 MIL-STD-810H / MIL-STD-461F
Mass	1200 g
Dimensions	
W x H x D	298 mm x 192 mm x 20 mm

International approvals

SGS approval	
SGS certificate	SGSNA/24/SUW/00031X
Approved for	Class I, Zone 2, AEx ic IIC T4 Gc IP64 Class I, Div 2, Groups A-D T4 Class II, Class III, Zone 22, AEx IIIB T135°C Dc Class II, Div 2, Class III Div 1, Groups F, G, T135°C Ex ic IIC T4 Gc IP64 Ex ic IIIB T135°C Dc IP64
Approved for	Northern America

General information

Scope of delivery	Pad-Ex® Power supply Power cable Dock Connector with Pass-Through Hand strap Documentation Stylus pen with tether
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Accessories



Tablet computer

Pad-Ex® 01 P12

PAD-EX01P12-D2NAMC516256L2D000

- 12th generation Intel® Core processor, Windows® 11 Pro
- Intel® Wi-Fi 6E
- 11.6" FHD DynaVue Windows® SR display with 1000 nits
- Can be used in sunlight
- 8 MP camera with autofocus and LED flash
- Thunderbolt® 4
- Micro HDMI
- 6 keys, including 2 user-definable keys
- TPM 2.0
- Support for 4G LTE and GPS/Augmented Reality
- Sierra Wireless EM 7565 Module
- 1-D/2-D barcode scanner
- MIL-STD-810H / MIL-STD-461F standard

Pad-Ex® 01 P12 D2 (Div. 2), LTE, camera, i5 processor, 16 GB RAM, 256 GB SSD, Windows® 11 Pro, incl. 1-D/2-D barcode scanner, version for Northern America



Technical Data

Hardware		
Processor		Intel® Core i5-1235U, 12. Gen.
RAM		16 GByte DDR5
Camera		
Front camera		2 MP
Main camera		8 MP Autofocus
Scanner		1-D/2-D barcode scanner Honeywell N670X Series scan engine
Internal data memory		256 GByte NVMe PCIe SSD
Sensors		Acceleration sensor, gyroscope and e-compass, light sensor
Indicators/operating means		
Display		Can be operated while wearing gloves
Touchscreen technology		Capacitive multitouch
Type		TFT, LCD
Screen diagonal		29.5 cm (11.6 ")
Aspect ratio		16:9
Resolution		1920x1080 (Full HD)
Brightness		1000 cd/m² (nit)
Colors		16 Mio.
Key		On/off Volume up / down Windows Touch button Barcode / Camera Touch Button Programmable Touch Button
Electrical specifications		
Battery type		Li-Ion battery 43.29 WH 11.1 V 3900 mAh
Interface		

Technical Data

I/O ports		1x Thunderbolt® 4 1x USB 3.2 Gen 2 (Type A) 1x Micro-HDMI 1x Audio in/out (combo jack) 1x microSD card (microSDXC) 1x Docking connector (35-pin Pogo) 1x DC-In jack
Communication		
Mobile standard		
3G		HSPA+ B1, B2, B4, B5, B6, B8, B9, B19
4G		LTE Please note (only U.S. market): AT& is the only supported mobile carrier for the U.S. market. B1, B2, B3, B4, B5, B7, B8, B9, B12, B13, B18, B19, B20, B26, B28, B29, B30, B32, B41, B42, B43, B46, B48, B66
WLAN		Intel® Wi-Fi 6E AX211 (802.11a/b/g/n/ac/ax)
Bluetooth		Bluetooth® 5.3
GPS sensor		GPS, Glonass, Beidou, Galileo
SIM card		1x Nano SIM
Software		
Operating system		Windows® 11 Pro (64 Bit) TPM 2.0
Languages		Deutsch , English (default)
Ambient conditions		
Ambient temperature		-10 ... 55 °C (14 ... 131 °F)
Storage temperature		-10 ... 55 °C (14 ... 131 °F)
Mechanical specifications		
Degree of protection		IP64 MIL-STD-810H / MIL-STD-461F
Mass		1200 g
Dimensions		
W x H x D		298 mm x 192 mm x 20 mm
International approvals		
SGS approval		
SGS certificate		SGSNA/24/SUW/00031X
Approved for		Class I, Zone 2, AEx ic IIC T4 Gc IP64 Class I, Div 2, Groups A-D T4 Class II, Class III, Zone 22, AEx IIIB T135°C Dc Class II, Div 2, Class III Div 1, Groups F, G, T135°C Ex ic IIC T4 Gc IP64 Ex ic IIIB T135°C Dc IP64
Approved for		Northern America
General information		
Scope of delivery		Pad-Ex® Power supply Power cable Dock Connector with Pass-Through Hand strap Documentation Stylus pen with tether

Accessories



Tablet computer

Pad-Ex® 01 P12

PAD-EX01P12DZ2EURN516256WIF000

- 12th generation Intel® Core processor, Windows® 11 Pro
- Intel® Wi-Fi 6E
- 11.6" FHD DynaVue Windows® SR display with 1000 nits
- Can be used in sunlight
- Version without camera
- Thunderbolt® 4
- Micro HDMI
- 6 keys, including 2 user-definable keys
- TPM 2.0
- MIL-STD-810H / MIL-STD-461F standard

Pad-Ex® 01 P12 DZ2 (Div. 2 and Zone 2/22), Wi-Fi, i5 processor, 16 GB RAM, 256 GB SSD, Windows® 11 Pro, version for Europe



Technical Data

Hardware		
Processor		Intel® Core i5-1235U, 12. Gen.
RAM		16 GByte DDR5
Internal data memory		256 GByte NVMe PCIe SSD
Sensors		Acceleration sensor, gyroscope and e-compass, light sensor
Indicators/operating means		
Display		Can be operated while wearing gloves
Touchscreen technology		Capacitive multitouch
Type		TFT, LCD
Screen diagonal		29.5 cm (11.6 ")
Aspect ratio		16:9
Resolution		1920x1080 (Full HD)
Brightness		1000 cd/m ² (nit)
Colors		16 Mio.
Key		On/off Volume up / down Windows Touch button Barcode / Camera Touch Button Programmable Touch Button
Electrical specifications		
Battery type		Li-Ion battery 43.29 WH 11.1 V 3900 mAh
Interface		
I/O ports		1x Thunderbolt® 4 1x USB 3.2 Gen 2 (Type A) 1x Micro-HDMI 1x Audio in/out (combo jack) 1x microSD card (microSDXC) 1x Docking connector (35-pin Pogo) 1x DC-In jack
Communication		
WLAN		Intel® Wi-Fi 6E AX211 (802.11a/b/g/n/ac/ax)
Bluetooth		Bluetooth® 5.3
GPS sensor		GPS, Glonass, Beidou, Galileo
Software		

Technical Data

Operating system	Windows® 11 Pro (64 Bit) TPM 2.0
Languages	Deutsch , English (default)
Ambient conditions	
Ambient temperature	-10 ... 55 °C (14 ... 131 °F)
Storage temperature	-10 ... 55 °C (14 ... 131 °F)
Mechanical specifications	
Degree of protection	IP64 MIL-STD-810H / MIL-STD-461F
Mass	1200 g
Dimensions	
W x H x D	298 mm x 192 mm x 20 mm
Data for application in connection with hazardous areas	
ATEX approval	
Certificate of conformity	EPS 16 ATEX 1 163 X
ATEX marking	Ⓔ II 3G Ex ic op is IIC T4 Gc IP64 Ⓔ II 3D Ex ic op is IIIB T135°C Dc IP64
International approvals	
IECEx approval	
IECEx certificate	IECEx EPS 16.0072X
IECEx marking	Ex ic op is IIC T4 Gc IP64 Ex ic op is IIIB T135°C Dc IP64
Approved for	Europe
General information	
Scope of delivery	Pad-Ex® Power supply Power cable Dock Connector with Pass-Through Hand strap Documentation Stylus pen with tether

Accessories



Tablet computer

Pad-Ex® 01 P12

PAD-EX01P12DZ2EURN516256LTE000

- 12th generation Intel® Core processor, Windows® 11 Pro
- Intel® Wi-Fi 6E
- 11.6" FHD DynaVue Windows® SR display with 1000 nits
- Can be used in sunlight
- Version without camera
- Thunderbolt® 4
- Micro HDMI
- 6 keys, including 2 user-definable keys
- TPM 2.0
- Support for 4G LTE and GPS/Augmented Reality
- Sierra Wireless EM 7565 Module
- MIL-STD-810H / MIL-STD-461F standard

Pad-Ex® 01 P12 DZ2 (Div. 2 and Zone 2/22), LTE, i5 processor, 16 GB RAM, 256 GB SSD, Windows® 11 Pro, version for Europe



Technical Data

Hardware

Processor	Intel® Core i5-1235U, 12. Gen.
RAM	16 GByte DDR5
Internal data memory	256 GByte NVMe PCIe SSD
Sensors	Acceleration sensor, gyroscope and e-compass, light sensor

Indicators/operating means

Display	Can be operated while wearing gloves
Touchscreen technology	Capacitive multitouch
Type	TFT, LCD
Screen diagonal	29.5 cm (11.6 ")
Aspect ratio	16:9
Resolution	1920x1080 (Full HD)
Brightness	1000 cd/m ² (nit)
Colors	16 Mio.
Key	On/off Volume up / down Windows Touch button Barcode / Camera Touch Button Programmable Touch Button

Electrical specifications

Battery type	Li-Ion battery 43.29 WH 11.1 V 3900 mAh
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Interface

I/O ports	1x Thunderbolt® 4 1x USB 3.2 Gen 2 (Type A) 1x Micro-HDMI 1x Audio in/out (combo jack) 1x microSD card (microSDXC) 1x Docking connector (35-pin Pogo) 1x DC-In jack
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Communication

Mobile standard	
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Technical Data

3G	HSPA+ B1, B2, B4, B5, B6, B8, B9, B19
4G	LTE Please note (only U.S. market): AT& is the only supported mobile carrier for the U.S. market. B1, B2, B3, B4, B5, B7, B8, B9, B12, B13, B18, B19, B20, B26, B28, B29, B30, B32, B41, B42, B43, B46, B48, B66
WLAN	Intel® Wi-Fi 6E AX211 (802.11a/b/g/n/ac/ax)
Bluetooth	Bluetooth® 5.3
GPS sensor	GPS, Glonass, Beidou, Galileo
SIM card	1x Nano SIM
Software	
Operating system	Windows® 11 Pro (64 Bit) TPM 2.0
Languages	Deutsch , English (default)
Ambient conditions	
Ambient temperature	-10 ... 55 °C (14 ... 131 °F)
Storage temperature	-10 ... 55 °C (14 ... 131 °F)
Mechanical specifications	
Degree of protection	IP64 MIL-STD-810H / MIL-STD-461F
Mass	1200 g
Dimensions	
W x H x D	298 mm x 192 mm x 20 mm
Data for application in connection with hazardous areas	
ATEX approval	
Certificate of conformity	EPS 16 ATEX 1 163 X
ATEX marking	Ⓔ II 3G Ex ic op is IIC T4 Gc IP64 Ⓔ II 3D Ex ic op is IIIB T135°C Dc IP64
International approvals	
IECEX approval	
IECEX certificate	IECEX EPS 16.0072X
IECEX marking	Ex ic op is IIC T4 Gc IP64 Ex ic op is IIIB T135°C Dc IP64
Approved for	Europe
General information	
Scope of delivery	Pad-Ex® Power supply Power cable Dock Connector with Pass-Through Hand strap Documentation Stylus pen with tether

Accessories

Tablet computer

Pad-Ex® 01 P12

PAD-EX01P12DZ2EURC716256W2D000



- 12th generation Intel® Core processor, Windows® 11 Pro
- Intel® Wi-Fi 6E
- 11.6" FHD DynaVue Windows® SR display with 1000 nits
- Can be used in sunlight
- 8 MP camera with autofocus and LED flash
- Thunderbolt® 4
- Micro HDMI
- 6 keys, including 2 user-definable keys
- TPM 2.0
- 1-D/2-D barcode scanner
- MIL-STD-810H / MIL-STD-461F standard

Pad-Ex® 01 P12 DZ2 (Div. 2 and Zone 2/22), Wi-Fi, camera, i7 processor, 16 GB RAM, 256 GB SSD, Windows® 11 Pro, incl. 1-D/2-D barcode scanner, version for Europe



Technical Data

Hardware		
Processor		Intel® Core i7-1255U, 12th Gen.
RAM		16 GByte DDR5
Camera		
Front camera		2 MP
Main camera		8 MP Autofocus
Scanner		1-D/2-D barcode scanner Honeywell N670X Series scan engine
Internal data memory		256 GByte NVMe PCIe SSD
Sensors		Acceleration sensor, gyroscope and e-compass, light sensor
Indicators/operating means		
Display		Can be operated while wearing gloves
Touchscreen technology		Capacitive multitouch
Type		TFT, LCD
Screen diagonal		29.5 cm (11.6 ")
Aspect ratio		16:9
Resolution		1920x1080 (Full HD)
Brightness		1000 cd/m² (nit)
Colors		16 Mio.
Key		On/off Volume up / down Windows Touch button Barcode / Camera Touch Button Programmable Touch Button
Electrical specifications		
Battery type		Li-Ion battery 43.29 WH 11.1 V 3900 mAh
Interface		

Technical Data

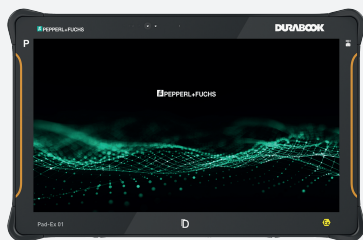
I/O ports	1x Thunderbolt® 4 1x USB 3.2 Gen 2 (Type A) 1x Micro-HDMI 1x Audio in/out (combo jack) 1x microSD card (microSDXC) 1x Docking connector (35-pin Pogo) 1x DC-In jack
Communication	
WLAN	Intel® Wi-Fi 6E AX211 (802.11a/b/g/n/ac/ax)
Bluetooth	Bluetooth® 5.3
GPS sensor	GPS, Glonass, Beidou, Galileo
Software	
Operating system	Windows® 11 Pro (64 Bit) TPM 2.0
Languages	Deutsch , English (default)
Ambient conditions	
Ambient temperature	-10 ... 55 °C (14 ... 131 °F)
Storage temperature	-10 ... 55 °C (14 ... 131 °F)
Mechanical specifications	
Degree of protection	IP64 MIL-STD-810H / MIL-STD-461F
Mass	1200 g
Dimensions	
W x H x D	298 mm x 192 mm x 20 mm
Data for application in connection with hazardous areas	
ATEX approval	
Certificate of conformity	EPS 16 ATEX 1 163 X
ATEX marking	Ⓔ II 3G Ex ic op is IIC T4 Gc IP64 Ⓔ II 3D Ex ic op is IIIB T135°C Dc IP64
International approvals	
IECEx approval	
IECEx certificate	IECEx EPS 16.0072X
IECEx marking	Ex ic op is IIC T4 Gc IP64 Ex ic op is IIIB T135°C Dc IP64
Approved for	Europe
General information	
Scope of delivery	Pad-Ex® Power supply Power cable Dock Connector with Pass-Through Hand strap Documentation Stylus pen with tether

Accessories

Tablet computer

Pad-Ex® 01 P12

PAD-EX01P12DZ2EURC716256L2D000



- 12th generation Intel® Core processor, Windows® 11 Pro
- Intel® Wi-Fi 6E
- 11.6" FHD DynaVue Windows® SR display with 1000 nits
- Can be used in sunlight
- 8 MP camera with autofocus and LED flash
- Thunderbolt® 4
- Micro HDMI
- 6 keys, including 2 user-definable keys
- TPM 2.0
- Support for 4G LTE and GPS/Augmented Reality
- Sierra Wireless EM 7565 Module
- 1-D/2-D barcode scanner
- MIL-STD-810H / MIL-STD-461F standard

Pad-Ex® 01 P12 DZ2 (Div. 2 and Zone 2/22), LTE, camera, i7 processor, 16 GB RAM, 256 GB SSD, Windows® 11 Pro, incl. 1-D/2-D barcode scanner, version for Europe



Technical Data

Hardware		
Processor		Intel® Core i7-1255U, 12th Gen.
RAM		16 GByte DDR5
Camera		
Front camera		2 MP
Main camera		8 MP Autofocus
Scanner		1-D/2-D barcode scanner Honeywell N670X Series scan engine
Internal data memory		256 GByte NVMe PCIe SSD
Sensors		Acceleration sensor, gyroscope and e-compass, light sensor
Indicators/operating means		
Display		Can be operated while wearing gloves
Touchscreen technology		Capacitive multitouch
Type		TFT, LCD
Screen diagonal		29.5 cm (11.6 ")
Aspect ratio		16:9
Resolution		1920x1080 (Full HD)
Brightness		1000 cd/m ² (nit)
Colors		16 Mio.
Key		On/off Volume up / down Windows Touch button Barcode / Camera Touch Button Programmable Touch Button
Electrical specifications		
Battery type		Li-Ion battery 43.29 WH 11.1 V 3900 mAh
Interface		

Technical Data

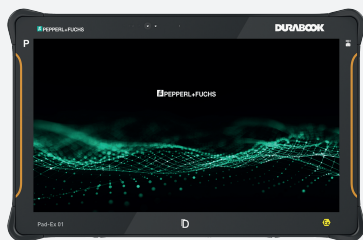
I/O ports		1x Thunderbolt® 4 1x USB 3.2 Gen 2 (Type A) 1x Micro-HDMI 1x Audio in/out (combo jack) 1x microSD card (microSDXC) 1x Docking connector (35-pin Pogo) 1x DC-In jack
Communication		
Mobile standard		
3G		HSPA+ B1, B2, B4, B5, B6, B8, B9, B19
4G		LTE Please note (only U.S. market): AT& is the only supported mobile carrier for the U.S. market. B1, B2, B3, B4, B5, B7, B8, B9, B12, B13, B18, B19, B20, B26, B28, B29, B30, B32, B41, B42, B43, B46, B48, B66
WLAN		Intel® Wi-Fi 6E AX211 (802.11a/b/g/n/ac/ax)
Bluetooth		Bluetooth® 5.3
GPS sensor		GPS, Glonass, Beidou, Galileo
SIM card		1x Nano SIM
Software		
Operating system		Windows® 11 Pro (64 Bit) TPM 2.0
Languages		Deutsch , English (default)
Ambient conditions		
Ambient temperature		-10 ... 55 °C (14 ... 131 °F)
Storage temperature		-10 ... 55 °C (14 ... 131 °F)
Mechanical specifications		
Degree of protection		IP64 MIL-STD-810H / MIL-STD-461F
Mass		1200 g
Dimensions		
W x H x D		298 mm x 192 mm x 20 mm
Data for application in connection with hazardous areas		
ATEX approval		
Certificate of conformity		EPS 16 ATEX 1 163 X
ATEX marking		Ⓜ II 3G Ex ic op is IIC T4 Gc IP64 Ⓜ II 3D Ex ic op is IIIB T135°C Dc IP64
International approvals		
IECEx approval		
IECEx certificate		IECEx EPS 16.0072X
IECEx marking		Ex ic op is IIC T4 Gc IP64 Ex ic op is IIIB T135°C Dc IP64
Approved for		Europe
General information		
Scope of delivery		Pad-Ex® Power supply Power cable Dock Connector with Pass-Through Hand strap Documentation Stylus pen with tether

Accessories

Tablet computer

Pad-Ex® 01 P12

PAD-EX01P12DZ2EURC716256WIF000



- 12th generation Intel® Core processor, Windows® 11 Pro
- Intel® Wi-Fi 6E
- 11.6" FHD DynaVueWindows® SR display with 1000 nits
- Can be used in sunlight
- 8 MP camera with autofocus and LED flash
- Thunderbolt® 4
- Micro HDMI
- 6 keys, including 2 user-definable keys
- TPM 2.0
- MIL-STD-810H / MIL-STD-461F standard

Pad-Ex® 01 P12 DZ2 (Div. 2 and Zone 2/22), Wi-Fi, camera, i7 processor, 16 GB RAM, 256 GB SSD, Windows® 11 Pro, version for Europe



Technical Data

Hardware

Processor	Intel® Core i7-1255U, 12th Gen.
RAM	16 GByte DDR5
Camera	
Front camera	2 MP
Main camera	8 MP Autofocus
Internal data memory	256 GByte NVMe PCIe SSD
Sensors	Acceleration sensor, gyroscope and e-compass, light sensor

Indicators/operating means

Display	Can be operated while wearing gloves
Touchscreen technology	Capacitive multitouch
Type	TFT, LCD
Screen diagonal	29.5 cm (11.6 ")
Aspect ratio	16:9
Resolution	1920x1080 (Full HD)
Brightness	1000 cd/m ² (nit)
Colors	16 Mio.
Key	On/off Volume up / down Windows Touch button Barcode / Camera Touch Button Programmable Touch Button

Electrical specifications

Battery type	Li-Ion battery 43.29 WH 11.1 V 3900 mAh
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Interface

I/O ports	1x Thunderbolt® 4 1x USB 3.2 Gen 2 (Type A) 1x Micro-HDMI 1x Audio in/out (combo jack) 1x microSD card (microSDXC) 1x Docking connector (35-pin Pogo) 1x DC-In jack
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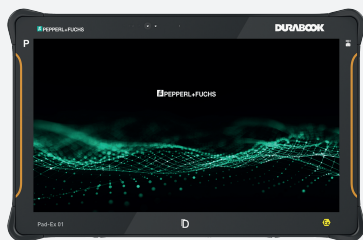
Communication

WLAN	Intel® Wi-Fi 6E AX211 (802.11a/b/g/n/ac/ax)
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Technical Data

Bluetooth	Bluetooth® 5.3
GPS sensor	GPS, Glonass, Beidou, Galileo
Software	
Operating system	Windows® 11 Pro (64 Bit) TPM 2.0
Languages	Deutsch , English (default)
Ambient conditions	
Ambient temperature	-10 ... 55 °C (14 ... 131 °F)
Storage temperature	-10 ... 55 °C (14 ... 131 °F)
Mechanical specifications	
Degree of protection	IP64 MIL-STD-810H / MIL-STD-461F
Mass	1200 g
Dimensions	
W x H x D	298 mm x 192 mm x 20 mm
Data for application in connection with hazardous areas	
ATEX approval	
Certificate of conformity	EPS 16 ATEX 1 163 X
ATEX marking	Ⓔ II 3G Ex ic op is IIC T4 Gc IP64 Ⓔ II 3D Ex ic op is IIIB T135°C Dc IP64
International approvals	
IECEx approval	
IECEx certificate	IECEx EPS 16.0072X
IECEx marking	Ex ic op is IIC T4 Gc IP64 Ex ic op is IIIB T135°C Dc IP64
Approved for	Europe
General information	
Scope of delivery	Pad-Ex® Power supply Power cable Dock Connector with Pass-Through Hand strap Documentation Stylus pen with tether

Accessories



Tablet computer

Pad-Ex® 01 P12

PAD-EX01P12DZ2EURC716256LTE000

- 12th generation Intel® Core processor, Windows® 11 Pro
- Intel® Wi-Fi 6E
- 11.6" FHD DynaVue Windows® SR display with 1000 nits
- Can be used in sunlight
- 8 MP camera with autofocus and LED flash
- Thunderbolt® 4
- Micro HDMI
- 6 keys, including 2 user-definable keys
- TPM 2.0
- Support for 4G LTE and GPS/Augmented Reality
- Sierra Wireless EM 7565 Module
- MIL-STD-810H / MIL-STD-461F standard

Pad-Ex® 01 P12 DZ2 (Div. 2 and Zone 2/22), LTE, camera, i7 processor, 16 GB RAM, 256 GB SSD, Windows® 11 Pro, version for Europe



Technical Data

Hardware

Processor	Intel® Core i7-1255U, 12th Gen.
RAM	16 GByte DDR5
Camera	
Front camera	2 MP
Main camera	8 MP Autofocus
Internal data memory	256 GByte NVMe PCIe SSD
Sensors	Acceleration sensor, gyroscope and e-compass, light sensor

Indicators/operating means

Display	Can be operated while wearing gloves
Touchscreen technology	Capacitive multitouch
Type	TFT, LCD
Screen diagonal	29.5 cm (11.6 ")
Aspect ratio	16:9
Resolution	1920x1080 (Full HD)
Brightness	1000 cd/m ² (nit)
Colors	16 Mio.
Key	On/off Volume up / down Windows Touch button Barcode / Camera Touch Button Programmable Touch Button

Electrical specifications

Battery type	Li-Ion battery 43.29 WH 11.1 V 3900 mAh
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Interface

I/O ports	1x Thunderbolt® 4 1x USB 3.2 Gen 2 (Type A) 1x Micro-HDMI 1x Audio in/out (combo jack) 1x microSD card (microSDXC) 1x Docking connector (35-pin Pogo) 1x DC-In jack
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Technical Data

Communication

Mobile standard	
3G	HSPA+ B1, B2, B4, B5, B6, B8, B9, B19
4G	LTE Please note (only U.S. market): AT& is the only supported mobile carrier for the U.S. market. B1, B2, B3, B4, B5, B7, B8, B9, B12, B13, B18, B19, B20, B26, B28, B29, B30, B32, B41, B42, B43, B46, B48, B66
WLAN	Intel® Wi-Fi 6E AX211 (802.11a/b/g/n/ac/ax)
Bluetooth	Bluetooth® 5.3
GPS sensor	GPS, Glonass, Beidou, Galileo
SIM card	1x Nano SIM

Software

Operating system	Windows® 11 Pro (64 Bit) TPM 2.0
Languages	Deutsch , English (default)

Ambient conditions

Ambient temperature	-10 ... 55 °C (14 ... 131 °F)
Storage temperature	-10 ... 55 °C (14 ... 131 °F)

Mechanical specifications

Degree of protection	IP64 MIL-STD-810H / MIL-STD-461F
Mass	1200 g
Dimensions	
W x H x D	298 mm x 192 mm x 20 mm

Data for application in connection with hazardous areas

ATEX approval	
Certificate of conformity	EPS 16 ATEX 1 163 X
ATEX marking	Ⓜ II 3G Ex ic op is IIC T4 Gc IP64 Ⓜ II 3D Ex ic op is IIIB T135°C Dc IP64

International approvals

IECEx approval	
IECEx certificate	IECEx EPS 16.0072X
IECEx marking	Ex ic op is IIC T4 Gc IP64 Ex ic op is IIIB T135°C Dc IP64
Approved for	Europe

General information

Scope of delivery	Pad-Ex® Power supply Power cable Dock Connector with Pass-Through Hand strap Documentation Stylus pen with tether
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Accessories



Tablet computer

Pad-Ex® 01 P12

PAD-EX01P12DZ2JPNC516256WIF000

- 12th generation Intel® Core processor, Windows® 11 Pro
- Intel® Wi-Fi 6E
- 11.6" FHD DynaVue Windows® SR display with 1000 nits
- Can be used in sunlight
- 8 MP camera with autofocus and LED flash
- Thunderbolt® 4
- Micro HDMI
- 6 keys, including 2 user-definable keys
- TPM 2.0
- MIL-STD-810H / MIL-STD-461F standard

Pad-Ex® 01 P12 DZ2 (Div. 2 and Zone 2/22), Wi-Fi, camera, i5 processor, 16 GB RAM, 256 GB SSD, Windows® 11 Pro, version for Japan



Technical Data

Hardware

Processor	Intel® Core i5-1235U, 12. Gen.
RAM	16 GByte DDR5
Camera	
Front camera	2 MP
Main camera	8 MP Autofocus
Internal data memory	256 GByte NVMe PCIe SSD
Sensors	Acceleration sensor, gyroscope and e-compass, light sensor

Indicators/operating means

Display	Can be operated while wearing gloves
Touchscreen technology	Capacitive multitouch
Type	TFT, LCD
Screen diagonal	29.5 cm (11.6 ")
Aspect ratio	16:9
Resolution	1920x1080 (Full HD)
Brightness	1000 cd/m ² (nit)
Colors	16 Mio.
Key	On/off Volume up / down Windows Touch button Barcode / Camera Touch Button Programmable Touch Button

Electrical specifications

Battery type	Li-Ion battery 43.29 WH 11.1 V 3900 mAh
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Interface

I/O ports	1x Thunderbolt® 4 1x USB 3.2 Gen 2 (Type A) 1x Micro-HDMI 1x Audio in/out (combo jack) 1x microSD card (microSDXC) 1x Docking connector (35-pin Pogo) 1x DC-In jack
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Communication

WLAN	Intel® Wi-Fi 6E AX211 (802.11a/b/g/n/ac/ax)
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Technical Data

Bluetooth	Bluetooth® 5.3
GPS sensor	GPS, Glonass, Beidou, Galileo
Software	
Operating system	Windows® 11 Pro (64 Bit) TPM 2.0
Languages	Deutsch , English (default)
Ambient conditions	
Ambient temperature	-10 ... 55 °C (14 ... 131 °F)
Storage temperature	-10 ... 55 °C (14 ... 131 °F)
Mechanical specifications	
Degree of protection	IP64 MIL-STD-810H / MIL-STD-461F
Mass	1200 g
Dimensions	
W x H x D	298 mm x 192 mm x 20 mm
Data for application in connection with hazardous areas	
ATEX approval	
Certificate of conformity	EPS 16 ATEX 1 163 X
ATEX marking	Ⓜ II 3G Ex ic op is IIC T4 Gc IP64 Ⓜ II 3D Ex ic op is IIIB T135°C Dc IP64
International approvals	
IECEx approval	
IECEx certificate	IECEx EPS 16.0072X
IECEx marking	Ex ic op is IIC T4 Gc IP64 Ex ic op is IIIB T135°C Dc IP64
CML approval	
CML certificate	CML 19 JPN 2478 X
CML marking	Ex ic op is IIC T4 Gc IP64 Ex ic op is IIIB T135°C Dc IP64
Approved for	Japan
General information	
Scope of delivery	Pad-Ex® Power supply Power cable Dock Connector with Pass-Through Hand strap Documentation Stylus pen with tether

Accessories

Tablet computer

Pad-Ex® 01 P12

PAD-
EX01P12DZ2JPNC516256W2D000



- 12th generation Intel® Core processor, Windows® 11 Pro
- Intel® Wi-Fi 6E
- 11.6" FHD DynaVue Windows® SR display with 1000 nits
- Can be used in sunlight
- 8 MP camera with autofocus and LED flash
- Thunderbolt® 4
- Micro HDMI
- 6 keys, including 2 user-definable keys
- TPM 2.0
- 1-D/2-D barcode scanner
- MIL-STD-810H / MIL-STD-461F standard

Pad-Ex® 01 P12 DZ2 (Div. 2 and Zone 2/22), Wi-Fi, camera, i5 processor, 16 GB RAM, 256 GB SSD, Windows® 11 Pro, incl. 1-D/2-D barcode scanner, version for Japan



Technical Data

Hardware		
Processor		Intel® Core i5-1235U, 12. Gen.
RAM		16 GByte DDR5
Camera		
Front camera		2 MP
Main camera		8 MP Autofocus
Scanner		1-D/2-D barcode scanner Honeywell N670X Series scan engine
Internal data memory		256 GByte NVMe PCIe SSD
Sensors		Acceleration sensor, gyroscope and e-compass, light sensor
Indicators/operating means		
Display		Can be operated while wearing gloves
Touchscreen technology		Capacitive multitouch
Type		TFT, LCD
Screen diagonal		29.5 cm (11.6 ")
Aspect ratio		16:9
Resolution		1920x1080 (Full HD)
Brightness		1000 cd/m² (nit)
Colors		16 Mio.
Key		On/off Volume up / down Windows Touch button Barcode / Camera Touch Button Programmable Touch Button
Electrical specifications		
Battery type		Li-Ion battery 43.29 WH 11.1 V 3900 mAh
Interface		

Technical Data

I/O ports	1x Thunderbolt® 4 1x USB 3.2 Gen 2 (Type A) 1x Micro-HDMI 1x Audio in/out (combo jack) 1x microSD card (microSDXC) 1x Docking connector (35-pin Pogo) 1x DC-In jack
Communication	
WLAN	Intel® Wi-Fi 6E AX211 (802.11a/b/g/n/ac/ax)
Bluetooth	Bluetooth® 5.3
GPS sensor	GPS, Glonass, Beidou, Galileo
Software	
Operating system	Windows® 11 Pro (64 Bit) TPM 2.0
Languages	Deutsch , English (default)
Ambient conditions	
Ambient temperature	-10 ... 55 °C (14 ... 131 °F)
Storage temperature	-10 ... 55 °C (14 ... 131 °F)
Mechanical specifications	
Degree of protection	IP64 MIL-STD-810H / MIL-STD-461F
Mass	1200 g
Dimensions	
W x H x D	298 mm x 192 mm x 20 mm
Data for application in connection with hazardous areas	
ATEX approval	
Certificate of conformity	EPS 16 ATEX 1 163 X
ATEX marking	Ⓔ II 3G Ex ic op is IIC T4 Gc IP64 Ⓔ II 3D Ex ic op is IIIB T135°C Dc IP64
International approvals	
IECEx approval	
IECEx certificate	IECEx EPS 16.0072X
IECEx marking	Ex ic op is IIC T4 Gc IP64 Ex ic op is IIIB T135°C Dc IP64
CML approval	
CML certificate	CML 19 JPN 2478 X
CML marking	Ex ic op is IIC T4 Gc IP64 Ex ic op is IIIB T135°C Dc IP64
Approved for	Japan
General information	
Scope of delivery	Pad-Ex® Power supply Power cable Dock Connector with Pass-Through Hand strap Documentation Stylus pen with tether

Accessories



Tablet computer

Pad-Ex® 01 P12

PAD-EX01P12DZ2JPNC516256LTE000

- 12th generation Intel® Core processor, Windows® 11 Pro
- Intel® Wi-Fi 6E
- 11.6" FHD DynaVue Windows® SR display with 1000 nits
- Can be used in sunlight
- 8 MP camera with autofocus and LED flash
- Thunderbolt® 4
- Micro HDMI
- 6 keys, including 2 user-definable keys
- TPM 2.0
- Support for 4G LTE and GPS/Augmented Reality
- Sierra Wireless EM 7565 Module
- MIL-STD-810H / MIL-STD-461F standard

Pad-Ex® 01 P12 DZ2 (Div. 2 and Zone 2/22), LTE, camera, i5 processor, 16 GB RAM, 256 GB SSD, Windows® 11 Pro, version for Japan



Technical Data

Hardware

Processor	Intel® Core i5-1235U, 12. Gen.
RAM	16 GByte DDR5
Camera	
Front camera	2 MP
Main camera	8 MP Autofocus
Internal data memory	256 GByte NVMe PCIe SSD
Sensors	Acceleration sensor, gyroscope and e-compass, light sensor

Indicators/operating means

Display	Can be operated while wearing gloves
Touchscreen technology	Capacitive multitouch
Type	TFT, LCD
Screen diagonal	29.5 cm (11.6 ")
Aspect ratio	16:9
Resolution	1920x1080 (Full HD)
Brightness	1000 cd/m ² (nit)
Colors	16 Mio.
Key	On/off Volume up / down Windows Touch button Barcode / Camera Touch Button Programmable Touch Button

Electrical specifications

Battery type	Li-Ion battery 43.29 WH 11.1 V 3900 mAh
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Interface

I/O ports	1x Thunderbolt® 4 1x USB 3.2 Gen 2 (Type A) 1x Micro-HDMI 1x Audio in/out (combo jack) 1x microSD card (microSDXC) 1x Docking connector (35-pin Pogo) 1x DC-In jack
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Technical Data

Communication		
Mobile standard		
3G		HSPA+ B1, B2, B4, B5, B6, B8, B9, B19
4G		LTE Please note (only U.S. market): AT& is the only supported mobile carrier for the U.S. market. B1, B2, B3, B4, B5, B7, B8, B9, B12, B13, B18, B19, B20, B26, B28, B29, B30, B32, B41, B42, B43, B46, B48, B66
WLAN		Intel® Wi-Fi 6E AX211 (802.11a/b/g/n/ac/ax)
Bluetooth		Bluetooth® 5.3
GPS sensor		GPS, Glonass, Beidou, Galileo
SIM card		1x Nano SIM
Software		
Operating system		Windows® 11 Pro (64 Bit) TPM 2.0
Languages		Deutsch , English (default)
Ambient conditions		
Ambient temperature		-10 ... 55 °C (14 ... 131 °F)
Storage temperature		-10 ... 55 °C (14 ... 131 °F)
Mechanical specifications		
Degree of protection		IP64 MIL-STD-810H / MIL-STD-461F
Mass		1200 g
Dimensions		
W x H x D		298 mm x 192 mm x 20 mm
Data for application in connection with hazardous areas		
ATEX approval		
Certificate of conformity		EPS 16 ATEX 1 163 X
ATEX marking		Ⓜ II 3G Ex ic op is IIC T4 Gc IP64 Ⓜ II 3D Ex ic op is IIIB T135°C Dc IP64
International approvals		
IECEX approval		
IECEX certificate		IECEX EPS 16.0072X
IECEX marking		Ex ic op is IIC T4 Gc IP64 Ex ic op is IIIB T135°C Dc IP64
CML approval		
CML certificate		CML 19 JPN 2478 X
CML marking		Ex ic op is IIC T4 Gc IP64 Ex ic op is IIIB T135°C Dc IP64
Approved for		Japan
General information		
Scope of delivery		Pad-Ex® Power supply Power cable Dock Connector with Pass-Through Hand strap Documentation Stylus pen with tether

Accessories

Tablet computer

Pad-Ex® 01 P12

PAD-EX01P12DZ2JPNC516256L2D000



- 12th generation Intel® Core processor, Windows® 11 Pro
- Intel® Wi-Fi 6E
- 11.6" FHD DynaVueWindows® SR display with 1000 nits
- Can be used in sunlight
- 8 MP camera with autofocus and LED flash
- Thunderbolt® 4
- Micro HDMI
- 6 keys, including 2 user-definable keys
- TPM 2.0
- Support for 4G LTE and GPS/Augmented Reality
- Sierra Wireless EM 7565 Module
- 1-D/2-D barcode scanner
- MIL-STD-810H / MIL-STD-461F standard

Pad-Ex® 01 P12 DZ2 (Div. 2 and Zone 2/22), LTE, camera, i5 processor, 16 GB RAM, 256 GB SSD, Windows® 11 Pro, incl. 1-D/2-D barcode scanner, version for Japan



Technical Data

Hardware		
Processor		Intel® Core i5-1235U, 12. Gen.
RAM		16 GByte DDR5
Camera		
Front camera		2 MP
Main camera		8 MP Autofocus
Scanner		1-D/2-D barcode scanner Honeywell N670X Series scan engine
Internal data memory		256 GByte NVMe PCIe SSD
Sensors		Acceleration sensor, gyroscope and e-compass, light sensor
Indicators/operating means		
Display		Can be operated while wearing gloves
Touchscreen technology		Capacitive multitouch
Type		TFT, LCD
Screen diagonal		29.5 cm (11.6 ")
Aspect ratio		16:9
Resolution		1920x1080 (Full HD)
Brightness		1000 cd/m² (nit)
Colors		16 Mio.
Key		On/off Volume up / down Windows Touch button Barcode / Camera Touch Button Programmable Touch Button
Electrical specifications		
Battery type		Li-Ion battery 43.29 WH 11.1 V 3900 mAh
Interface		

Technical Data

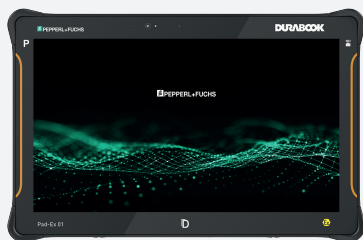
I/O ports		1x Thunderbolt® 4 1x USB 3.2 Gen 2 (Type A) 1x Micro-HDMI 1x Audio in/out (combo jack) 1x microSD card (microSDXC) 1x Docking connector (35-pin Pogo) 1x DC-In jack
Communication		
Mobile standard		
3G		HSPA+ B1, B2, B4, B5, B6, B8, B9, B19
4G		LTE Please note (only U.S. market): AT&T is the only supported mobile carrier for the U.S. market. B1, B2, B3, B4, B5, B7, B8, B9, B12, B13, B18, B19, B20, B26, B28, B29, B30, B32, B41, B42, B43, B46, B48, B66
WLAN		Intel® Wi-Fi 6E AX211 (802.11a/b/g/n/ac/ax)
Bluetooth		Bluetooth® 5.3
GPS sensor		GPS, Glonass, Beidou, Galileo
SIM card		1x Nano SIM
Software		
Operating system		Windows® 11 Pro (64 Bit) TPM 2.0
Languages		Deutsch , English (default)
Ambient conditions		
Ambient temperature		-10 ... 55 °C (14 ... 131 °F)
Storage temperature		-10 ... 55 °C (14 ... 131 °F)
Mechanical specifications		
Degree of protection		IP64 MIL-STD-810H / MIL-STD-461F
Mass		1200 g
Dimensions		
W x H x D		298 mm x 192 mm x 20 mm
Data for application in connection with hazardous areas		
ATEX approval		
Certificate of conformity		EPS 16 ATEX 1 163 X
ATEX marking		Ⓜ II 3G Ex ic op is IIC T4 Gc IP64 Ⓜ II 3D Ex ic op is IIIB T135°C Dc IP64
International approvals		
IECEx approval		
IECEx certificate		IECEx EPS 16.0072X
IECEx marking		Ex ic op is IIC T4 Gc IP64 Ex ic op is IIIB T135°C Dc IP64
CML approval		
CML certificate		CML 19 JPN 2478 X
CML marking		Ex ic op is IIC T4 Gc IP64 Ex ic op is IIIB T135°C Dc IP64
Approved for		Japan
General information		
Scope of delivery		Pad-Ex® Power supply Power cable Dock Connector with Pass-Through Hand strap Documentation Stylus pen with tether

Accessories

Tablet computer

Pad-Ex® 01 P12

PAD-EX01P12DZ2CHNC516256WIF000



- 12th generation Intel® Core processor, Windows® 11 Pro
- Intel® Wi-Fi 6E
- 11.6" FHD DynaVue Windows® SR display with 1000 nits
- Can be used in sunlight
- 8 MP camera with autofocus and LED flash
- Thunderbolt® 4
- Micro HDMI
- 6 keys, including 2 user-definable keys
- TPM 2.0
- MIL-STD-810H / MIL-STD-461F standard

Pad-Ex® 01 P12 DZ2 (Div. 2 and Zone 2/22), Wi-Fi, camera, i5 processor, 16 GB RAM, 256 GB SSD, Windows® 11 Pro, version for China



Technical Data

Hardware

Processor	Intel® Core i5-1235U, 12. Gen.
RAM	16 GByte DDR5
Camera	
Front camera	2 MP
Main camera	8 MP Autofocus
Internal data memory	256 GByte NVMe PCIe SSD
Sensors	Acceleration sensor, gyroscope and e-compass, light sensor

Indicators/operating means

Display	Can be operated while wearing gloves
Touchscreen technology	Capacitive multitouch
Type	TFT, LCD
Screen diagonal	29.5 cm (11.6 ")
Aspect ratio	16:9
Resolution	1920x1080 (Full HD)
Brightness	1000 cd/m ² (nit)
Colors	16 Mio.
Key	On/off Volume up / down Windows Touch button Barcode / Camera Touch Button Programmable Touch Button

Electrical specifications

Battery type	Li-Ion battery 43.29 WH 11.1 V 3900 mAh
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Interface

I/O ports	1x Thunderbolt® 4 1x USB 3.2 Gen 2 (Type A) 1x Micro-HDMI 1x Audio in/out (combo jack) 1x microSD card (microSDXC) 1x Docking connector (35-pin Pogo) 1x DC-In jack
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Communication

WLAN	Intel® Wi-Fi 6E AX211 (802.11a/b/g/n/ac/ax)
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Technical Data

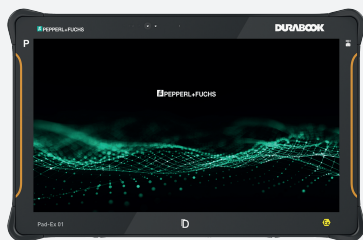
Bluetooth	Bluetooth® 5.3
GPS sensor	GPS, Glonass, Beidou, Galileo
Software	
Operating system	Windows® 11 Pro (64 Bit) TPM 2.0
Languages	Deutsch , English (default)
Ambient conditions	
Ambient temperature	-10 ... 55 °C (14 ... 131 °F)
Storage temperature	-10 ... 55 °C (14 ... 131 °F)
Mechanical specifications	
Degree of protection	IP64 MIL-STD-810H / MIL-STD-461F
Mass	1200 g
Dimensions	
W x H x D	298 mm x 192 mm x 20 mm
Data for application in connection with hazardous areas	
ATEX approval	
Certificate of conformity	EPS 16 ATEX 1 163 X
ATEX marking	Ⓔ II 3G Ex ic op is IIC T4 Gc IP64 Ⓔ II 3D Ex ic op is IIIB T135°C Dc IP64
International approvals	
IECEx approval	
IECEx certificate	IECEx EPS 16.0072X
IECEx marking	Ex ic op is IIC T4 Gc IP64 Ex ic op is IIIB T135°C Dc IP64
CCC approval	
CCC certificate	2020322309003372
CCC marking	Ex ic IIC T4 Gc Ex ic IIIB T135 °C Dc
Approved for	China
General information	
Scope of delivery	Pad-Ex® Power supply Power cable Dock Connector with Pass-Through Hand strap Documentation Stylus pen with tether

Accessories

Tablet computer

Pad-Ex® 01 P12

PAD-EX01P12DZ2CHNC516256W2D000



- 12th generation Intel® Core processor, Windows® 11 Pro
- Intel® Wi-Fi 6E
- 11.6" FHD DynaVue Windows® SR display with 1000 nits
- Can be used in sunlight
- 8 MP camera with autofocus and LED flash
- Thunderbolt® 4
- Micro HDMI
- 6 keys, including 2 user-definable keys
- TPM 2.0
- 1-D/2-D barcode scanner
- MIL-STD-810H / MIL-STD-461F standard

Pad-Ex® 01 P12 DZ2 (Div. 2 and Zone 2/22), Wi-Fi, camera, i5 processor, 16 GB RAM, 256 GB SSD, Windows® 11 Pro, incl. 1-D/2-D barcode scanner, version for China



Technical Data

Hardware		
Processor		Intel® Core i5-1235U, 12. Gen.
RAM		16 GByte DDR5
Camera		
Front camera		2 MP
Main camera		8 MP Autofocus
Scanner		1-D/2-D barcode scanner Honeywell N670X Series scan engine
Internal data memory		256 GByte NVMe PCIe SSD
Sensors		Acceleration sensor, gyroscope and e-compass, light sensor
Indicators/operating means		
Display		Can be operated while wearing gloves
Touchscreen technology		Capacitive multitouch
Type		TFT, LCD
Screen diagonal		29.5 cm (11.6 ")
Aspect ratio		16:9
Resolution		1920x1080 (Full HD)
Brightness		1000 cd/m ² (nit)
Colors		16 Mio.
Key		On/off Volume up / down Windows Touch button Barcode / Camera Touch Button Programmable Touch Button
Electrical specifications		
Battery type		Li-Ion battery 43.29 WH 11.1 V 3900 mAh
Interface		

Technical Data

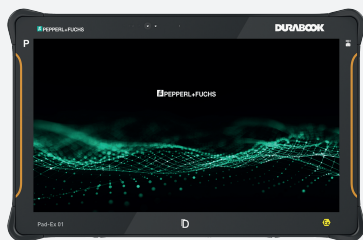
I/O ports	1x Thunderbolt® 4 1x USB 3.2 Gen 2 (Type A) 1x Micro-HDMI 1x Audio in/out (combo jack) 1x microSD card (microSDXC) 1x Docking connector (35-pin Pogo) 1x DC-In jack
Communication	
WLAN	Intel® Wi-Fi 6E AX211 (802.11a/b/g/n/ac/ax)
Bluetooth	Bluetooth® 5.3
GPS sensor	GPS, Glonass, Beidou, Galileo
Software	
Operating system	Windows® 11 Pro (64 Bit) TPM 2.0
Languages	Deutsch , English (default)
Ambient conditions	
Ambient temperature	-10 ... 55 °C (14 ... 131 °F)
Storage temperature	-10 ... 55 °C (14 ... 131 °F)
Mechanical specifications	
Degree of protection	IP64 MIL-STD-810H / MIL-STD-461F
Mass	1200 g
Dimensions	
W x H x D	298 mm x 192 mm x 20 mm
Data for application in connection with hazardous areas	
ATEX approval	
Certificate of conformity	EPS 16 ATEX 1 163 X
ATEX marking	Ⓔ II 3G Ex ic op is IIC T4 Gc IP64 Ⓔ II 3D Ex ic op is IIIB T135°C Dc IP64
International approvals	
IECEx approval	
IECEx certificate	IECEx EPS 16.0072X
IECEx marking	Ex ic op is IIC T4 Gc IP64 Ex ic op is IIIB T135°C Dc IP64
CCC approval	
CCC certificate	2020322309003372
CCC marking	Ex ic IIC T4 Gc Ex ic IIIB T135 °C Dc
Approved for	China
General information	
Scope of delivery	Pad-Ex® Power supply Power cable Dock Connector with Pass-Through Hand strap Documentation Stylus pen with tether

Accessories

Tablet computer

Pad-Ex® 01 P12

PAD-EX01P12DZ2BRAC516256W2D000



- 12th generation Intel® Core processor, Windows® 11 Pro
- Intel® Wi-Fi 6E
- 11.6" FHD DynaVue Windows® SR display with 1000 nits
- Can be used in sunlight
- 8 MP camera with autofocus and LED flash
- Thunderbolt® 4
- Micro HDMI
- 6 keys, including 2 user-definable keys
- TPM 2.0
- 1-D/2-D barcode scanner
- MIL-STD-810H / MIL-STD-461F standard

Pad-Ex® 01 P12 DZ2 (Div. 2 and Zone 2/22), Wi-Fi, camera, i5 processor, 16 GB RAM, 256 GB SSD, Windows® 11 Pro, incl. 1-D/2-D barcode scanner, version for Brazil



Technical Data

Hardware		
Processor		Intel® Core i5-1235U, 12. Gen.
RAM		16 GByte DDR5
Camera		
Front camera		2 MP
Main camera		8 MP Autofocus
Scanner		1-D/2-D barcode scanner Honeywell N670X Series scan engine
Internal data memory		256 GByte NVMe PCIe SSD
Sensors		Acceleration sensor, gyroscope and e-compass, light sensor
Indicators/operating means		
Display		Can be operated while wearing gloves
Touchscreen technology		Capacitive multitouch
Type		TFT, LCD
Screen diagonal		29.5 cm (11.6 ")
Aspect ratio		16:9
Resolution		1920x1080 (Full HD)
Brightness		1000 cd/m ² (nit)
Colors		16 Mio.
Key		On/off Volume up / down Windows Touch button Barcode / Camera Touch Button Programmable Touch Button
Electrical specifications		
Battery type		Li-Ion battery 43.29 WH 11.1 V 3900 mAh
Interface		

Technical Data

I/O ports	1x Thunderbolt® 4 1x USB 3.2 Gen 2 (Type A) 1x Micro-HDMI 1x Audio in/out (combo jack) 1x microSD card (microSDXC) 1x Docking connector (35-pin Pogo) 1x DC-In jack
Communication	
WLAN	Intel® Wi-Fi 6E AX211 (802.11a/b/g/n/ac/ax)
Bluetooth	Bluetooth® 5.3
GPS sensor	GPS, Glonass, Beidou, Galileo
Software	
Operating system	Windows® 11 Pro (64 Bit) TPM 2.0
Languages	Deutsch , English (default)
Ambient conditions	
Ambient temperature	-10 ... 55 °C (14 ... 131 °F)
Storage temperature	-10 ... 55 °C (14 ... 131 °F)
Mechanical specifications	
Degree of protection	IP64 MIL-STD-810H / MIL-STD-461F
Mass	1200 g
Dimensions	
W x H x D	298 mm x 192 mm x 20 mm
Data for application in connection with hazardous areas	
ATEX approval	
Certificate of conformity	EPS 16 ATEX 1 163 X
ATEX marking	Ⓔ II 3G Ex ic op is IIC T4 Gc IP64 Ⓔ II 3D Ex ic op is IIIB T135°C Dc IP64
International approvals	
IECEx approval	
IECEx certificate	IECEx EPS 16.0072X
IECEx marking	Ex ic op is IIC T4 Gc IP64 Ex ic op is IIIB T135°C Dc IP64
INMETRO approval	
INMETRO certificate	TÜV 20.1444 X
INMETRO marking	Ex ic op is IIC T4 Gc IP64 Ex ic op is IIIB T135°C Dc IP64
Approved for	Brazil
General information	
Scope of delivery	Pad-Ex® Power supply Power cable Dock Connector with Pass-Through Hand strap Documentation Stylus pen with tether

Accessories



Tablet computer

Pad-Ex® 01 P12

PAD-EX01P12DZ2ZAF516256WIF000

- 12th generation Intel® Core processor, Windows® 11 Pro
- Intel® Wi-Fi 6E
- 11.6" FHD DynaVue Windows® SR display with 1000 nits
- Can be used in sunlight
- 8 MP camera with autofocus and LED flash
- Thunderbolt® 4
- Micro HDMI
- 6 keys, including 2 user-definable keys
- TPM 2.0
- MIL-STD-810H / MIL-STD-461F standard

Pad-Ex® 01 P12 DZ2 (Div. 2 and Zone 2/22), Wi-Fi, camera, i5 processor, 16 GB RAM, 256 GB SSD, Windows® 11 Pro, version for South Africa



Technical Data

Hardware	
Processor	Intel® Core i5-1235U, 12. Gen.
RAM	16 GByte DDR5
Camera	
Front camera	2 MP
Main camera	8 MP Autofocus
Internal data memory	256 GByte NVMe PCIe SSD
Sensors	Acceleration sensor, gyroscope and e-compass, light sensor
Indicators/operating means	
Display	Can be operated while wearing gloves
Touchscreen technology	Capacitive multitouch
Type	TFT, LCD
Screen diagonal	29.5 cm (11.6 ")
Aspect ratio	16:9
Resolution	1920x1080 (Full HD)
Brightness	1000 cd/m ² (nit)
Colors	16 Mio.
Key	On/off Volume up / down Windows Touch button Barcode / Camera Touch Button Programmable Touch Button
Electrical specifications	
Battery type	Li-Ion battery 43.29 WH 11.1 V 3900 mAh
Interface	
I/O ports	1x Thunderbolt® 4 1x USB 3.2 Gen 2 (Type A) 1x Micro-HDMI 1x Audio in/out (combo jack) 1x microSD card (microSDXC) 1x Docking connector (35-pin Pogo) 1x DC-In jack
Communication	
WLAN	Intel® Wi-Fi 6E AX211 (802.11a/b/g/n/ac/ax)

Technical Data

Bluetooth	Bluetooth® 5.3
GPS sensor	GPS, Glonass, Beidou, Galileo
Software	
Operating system	Windows® 11 Pro (64 Bit) TPM 2.0
Languages	Deutsch , English (default)
Ambient conditions	
Ambient temperature	-10 ... 55 °C (14 ... 131 °F)
Storage temperature	-10 ... 55 °C (14 ... 131 °F)
Mechanical specifications	
Degree of protection	IP64 MIL-STD-810H / MIL-STD-461F
Mass	1200 g
Dimensions	
W x H x D	298 mm x 192 mm x 20 mm
Data for application in connection with hazardous areas	
ATEX approval	
ATEX certificate	EPS 16 ATEX 1 163 X
ATEX marking	Ⓜ II 3G Ex ic op is IIC T4 Gc IP64 Ⓜ II 3D Ex ic op is IIIB T135°C Dc IP64
International approvals	
IECEx approval	
IECEx certificate	IECEx EPS 16.0072X
IECEx marking	Ex ic op is IIC T4 Gc IP64 Ex ic op is IIIB T135°C Dc IP64
IA approval	
IA certificate	MASC S/19-6224X
IA marking	Ex ic op is IIC T4 Gc IP64 Ex ic op is IIIB T135°C Dc IP64
Approved for	South Africa
General information	
Scope of delivery	Pad-Ex® Power supply Power cable Dock Connector with Pass-Through Hand strap Documentation Stylus pen with tether

Accessories

Tablet computer

Pad-Ex® 01 P12

PAD-EX01P12DZ2ZAF516256W2D000



- 12th generation Intel® Core processor, Windows® 11 Pro
- Intel® Wi-Fi 6E
- 11.6" FHD DynaVue Windows® SR display with 1000 nits
- Can be used in sunlight
- 8 MP camera with autofocus and LED flash
- Thunderbolt® 4
- Micro HDMI
- 6 keys, including 2 user-definable keys
- TPM 2.0
- 1-D/2-D barcode scanner
- MIL-STD-810H / MIL-STD-461F standard

Pad-Ex® 01 P12 DZ2 (Div. 2 and Zone 2/22), Wi-Fi, camera, i5 processor, 16 GB RAM, 256 GB SSD, Windows® 11 Pro, incl. 1-D/2-D barcode scanner, incl. 1-D/2-D barcode scanner, version for South Africa



Technical Data

Hardware

Processor	Intel® Core i5-1235U, 12. Gen.
RAM	16 GByte DDR5
Camera	
Front camera	2 MP
Main camera	8 MP Autofocus
Scanner	1-D/2-D barcode scanner Honeywell N670X Series scan engine
Internal data memory	256 GByte NVMe PCIe SSD
Sensors	Acceleration sensor, gyroscope and e-compass, light sensor

Indicators/operating means

Display	Can be operated while wearing gloves
Touchscreen technology	Capacitive multitouch
Type	TFT, LCD
Screen diagonal	29.5 cm (11.6 ")
Aspect ratio	16:9
Resolution	1920x1080 (Full HD)
Brightness	1000 cd/m ² (nit)
Colors	16 Mio.
Key	On/off Volume up / down Windows Touch button Barcode / Camera Touch Button Programmable Touch Button

Electrical specifications

Battery type	Li-Ion battery 43.29 WH 11.1 V 3900 mAh
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Interface

Technical Data

I/O ports	1x Thunderbolt® 4 1x USB 3.2 Gen 2 (Type A) 1x Micro-HDMI 1x Audio in/out (combo jack) 1x microSD card (microSDXC) 1x Docking connector (35-pin Pogo) 1x DC-In jack
Communication	
WLAN	Intel® Wi-Fi 6E AX211 (802.11a/b/g/n/ac/ax)
Bluetooth	Bluetooth® 5.3
GPS sensor	GPS, Glonass, Beidou, Galileo
Software	
Operating system	Windows® 11 Pro (64 Bit) TPM 2.0
Languages	Deutsch , English (default)
Ambient conditions	
Ambient temperature	-10 ... 55 °C (14 ... 131 °F)
Storage temperature	-10 ... 55 °C (14 ... 131 °F)
Mechanical specifications	
Degree of protection	IP64 MIL-STD-810H / MIL-STD-461F
Mass	1200 g
Dimensions	
W x H x D	298 mm x 192 mm x 20 mm
Data for application in connection with hazardous areas	
ATEX approval	
ATEX certificate	EPS 16 ATEX 1 163 X
ATEX marking	Ⓔ II 3G Ex ic op is IIC T4 Gc IP64 Ⓔ II 3D Ex ic op is IIIB T135°C Dc IP64
International approvals	
IECEx approval	
IECEx certificate	IECEx EPS 16.0072X
IECEx marking	Ex ic op is IIC T4 Gc IP64 Ex ic op is IIIB T135°C Dc IP64
IA approval	
IA certificate	MASC S/19-6224X
IA marking	Ex ic op is IIC T4 Gc IP64 Ex ic op is IIIB T135°C Dc IP64
Approved for	South Africa
General information	
Scope of delivery	Pad-Ex® Power supply Power cable Dock Connector with Pass-Through Hand strap Documentation Stylus pen with tether

Accessories



Tablet computer

Pad-Ex® 01 P12

PAD-EX01P12DZ2ZAF516256LTE000

- 12th generation Intel® Core processor, Windows® 11 Pro
- Intel® Wi-Fi 6E
- 11.6" FHD DynaVue Windows® SR display with 1000 nits
- Can be used in sunlight
- 8 MP camera with autofocus and LED flash
- Thunderbolt® 4
- Micro HDMI
- 6 keys, including 2 user-definable keys
- TPM 2.0
- Support for 4G LTE and GPS/Augmented Reality
- Sierra Wireless EM 7565 Module
- MIL-STD-810H / MIL-STD-461F standard

Pad-Ex® 01 P12 DZ2 (Div. 2 and Zone 2/22), LTE, camera, i5 processor, 16 GB RAM, 256 GB SSD, Windows® 11 Pro, version for South Africa



Technical Data

Hardware

Processor	Intel® Core i5-1235U, 12. Gen.
RAM	16 GByte DDR5
Camera	
Front camera	2 MP
Main camera	8 MP Autofocus
Internal data memory	256 GByte NVMe PCIe SSD
Sensors	Acceleration sensor, gyroscope and e-compass, light sensor

Indicators/operating means

Display	Can be operated while wearing gloves
Touchscreen technology	Capacitive multitouch
Type	TFT, LCD
Screen diagonal	29.5 cm (11.6 ")
Aspect ratio	16:9
Resolution	1920x1080 (Full HD)
Brightness	1000 cd/m ² (nit)
Colors	16 Mio.
Key	On/off Volume up / down Windows Touch button Barcode / Camera Touch Button Programmable Touch Button

Electrical specifications

Battery type	Li-Ion battery 43.29 WH 11.1 V 3900 mAh
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Interface

I/O ports	1x Thunderbolt® 4 1x USB 3.2 Gen 2 (Type A) 1x Micro-HDMI 1x Audio in/out (combo jack) 1x microSD card (microSDXC) 1x Docking connector (35-pin Pogo) 1x DC-In jack
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Technical Data

Communication		
Mobile standard		
3G		HSPA+ B1, B2, B4, B5, B6, B8, B9, B19
4G		LTE Please note (only U.S. market): AT& is the only supported mobile carrier for the U.S. market. B1, B2, B3, B4, B5, B7, B8, B9, B12, B13, B18, B19, B20, B26, B28, B29, B30, B32, B41, B42, B43, B46, B48, B66
WLAN		Intel® Wi-Fi 6E AX211 (802.11a/b/g/n/ac/ax)
Bluetooth		Bluetooth® 5.3
GPS sensor		GPS, Glonass, Beidou, Galileo
SIM card		1x Nano SIM
Software		
Operating system		Windows® 11 Pro (64 Bit) TPM 2.0
Languages		Deutsch , English (default)
Ambient conditions		
Ambient temperature		-10 ... 55 °C (14 ... 131 °F)
Storage temperature		-10 ... 55 °C (14 ... 131 °F)
Mechanical specifications		
Degree of protection		IP64 MIL-STD-810H / MIL-STD-461F
Mass		1200 g
Dimensions		
W x H x D		298 mm x 192 mm x 20 mm
Data for application in connection with hazardous areas		
ATEX approval		
ATEX certificate		EPS 16 ATEX 1 163 X
ATEX marking		Ⓜ II 3G Ex ic op is IIC T4 Gc IP64 Ⓜ II 3D Ex ic op is IIIB T135°C Dc IP64
International approvals		
CSA approval		
CSA certificate		
IECEx approval		
IECEx certificate		IECEx EPS 16.0072X
IECEx marking		Ex ic op is IIC T4 Gc IP64 Ex ic op is IIIB T135°C Dc IP64
IA approval		
IA certificate		MASC S/19-6224X
IA marking		Ex ic op is IIC T4 Gc IP64 Ex ic op is IIIB T135°C Dc IP64
Approved for		South Africa
General information		
Scope of delivery		Pad-Ex® Power supply Power cable Dock Connector with Pass-Through Hand strap Documentation Stylus pen with tether

Accessories

Tablet computer

Pad-Ex® 01 P12

PAD- EX01P12DZ2ZAF5C516256L2D000



- 12th generation Intel® Core processor, Windows® 11 Pro
- Intel® Wi-Fi 6E
- 11.6" FHD DynaVue Windows® SR display with 1000 nits
- Can be used in sunlight
- 8 MP camera with autofocus and LED flash
- Thunderbolt® 4
- Micro HDMI
- 6 keys, including 2 user-definable keys
- TPM 2.0
- Support for 4G LTE and GPS/Augmented Reality
- Sierra Wireless EM 7565 Module
- 1-D/2-D barcode scanner
- MIL-STD-810H / MIL-STD-461F standard

Pad-Ex® 01 P12 DZ2 (Div. 2 and Zone 2/22), LTE, camera, i5 processor, 16 GB RAM, 256 GB SSD, Windows® 11 Pro, incl. 1-D/2-D barcode scanner, version for Südafrika



Technical Data

Hardware		
Processor		Intel® Core i5-1235U, 12. Gen.
RAM		16 GByte DDR5
Camera		
Front camera		2 MP
Main camera		8 MP Autofocus
Scanner		1-D/2-D barcode scanner Honeywell N670X Series scan engine
Internal data memory		256 GByte NVMe PCIe SSD
Sensors		Acceleration sensor, gyroscope and e-compass, light sensor
Indicators/operating means		
Display		
Touchscreen technology		Capacitive multitouch
Type		TFT, LCD
Screen diagonal		29.5 cm (11.6 ")
Aspect ratio		16:9
Resolution		1920x1080 (Full HD)
Brightness		1000 cd/m² (nit)
Colors		16 Mio.
Key		On/off Volume up / down Windows Touch button Barcode / Camera Touch Button Programmable Touch Button
Electrical specifications		
Battery type		Li-Ion battery 43.29 WH 11.1 V 3900 mAh
Interface		

Technical Data

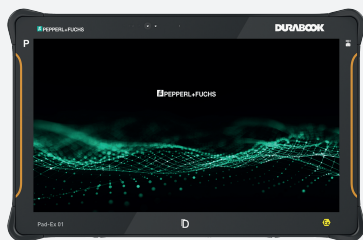
I/O ports		1x Thunderbolt® 4 1x USB 3.2 Gen 2 (Type A) 1x Micro-HDMI 1x Audio in/out (combo jack) 1x microSD card (microSDXC) 1x Docking connector (35-pin Pogo) 1x DC-In jack
Communication		
Mobile standard		
3G		HSPA+ B1, B2, B4, B5, B6, B8, B9, B19
4G		LTE Please note (only U.S. market): AT&T is the only supported mobile carrier for the U.S. market. B1, B2, B3, B4, B5, B7, B8, B9, B12, B13, B18, B19, B20, B26, B28, B29, B30, B32, B41, B42, B43, B46, B48, B66
WLAN		Intel® Wi-Fi 6E AX211 (802.11a/b/g/n/ac/ax)
Bluetooth		Bluetooth® 5.3
GPS sensor		GPS, Glonass, Beidou, Galileo
SIM card		1x Nano SIM
Software		
Operating system		Windows® 11 Pro (64 Bit) TPM 2.0
Languages		Deutsch , English (default)
Ambient conditions		
Ambient temperature		-10 ... 55 °C (14 ... 131 °F)
Storage temperature		-10 ... 55 °C (14 ... 131 °F)
Mechanical specifications		
Degree of protection		IP64 MIL-STD-810H / MIL-STD-461F
Mass		1200 g
Dimensions		
W x H x D		298 mm x 192 mm x 20 mm
Data for application in connection with hazardous areas		
ATEX approval		
ATEX certificate		EPS 16 ATEX 1 163 X
ATEX marking		Ⓜ II 3G Ex ic op is IIC T4 Gc IP64 Ⓜ II 3D Ex ic op is IIIB T135°C Dc IP64
International approvals		
IECEX approval		
IECEX certificate		IECEX EPS 16.0072X
IECEX marking		Ex ic op is IIC T4 Gc IP64 Ex ic op is IIIB T135°C Dc IP64
IA approval		
IA certificate		MASC S/19-6224X
IA marking		Ex ic op is IIC T4 Gc IP64 Ex ic op is IIIB T135°C Dc IP64
Approved for		South Africa
General information		
Scope of delivery		Pad-Ex® Power supply Power cable Dock Connector with Pass-Through Hand strap Documentation Stylus pen with tether

Accessories

Tablet computer

Pad-Ex® 01 P12

PAD- EX01P12DZ2EURC516256WIFHAM



- 12th generation Intel® Core processor, Windows® 11 Pro
- Intel® Wi-Fi 6E
- 11.6" FHD DynaVue Windows® SR display with 1000 nits
- Can be used in sunlight
- 8 MP camera with autofocus and LED flash
- Thunderbolt® 4
- Micro HDMI
- 6 keys, including 2 user-definable keys
- TPM 2.0
- Viator® BT Bluetooth® HART Modem
- Complete kit is pre-installed for customer
- Out of box experienced (OOBE)
- MIL-STD-810H / MIL-STD-461F standard

Pad-Ex® 01 P12 DZ2 (Div. 2 and Zone 2/22), Wi-Fi, camera, i5 processor, 16 GB RAM, 256 GB SSD, Windows® 11 Pro, incl. HART modem, version for Europe



Technical Data

Hardware		
Processor		Intel® Core i5-1235U, 12. Gen.
RAM		16 GByte DDR5
Camera		
Front camera		2 MP
Main camera		8 MP Autofocus
Internal data memory		256 GByte NVMe PCIe SSD
Sensors		Acceleration sensor, gyroscope and e-compass, light sensor
Indicators/operating means		
Display		Can be operated while wearing gloves
Touchscreen technology		Capacitive multitouch
Type		TFT, LCD
Screen diagonal		29.5 cm (11.6 ")
Aspect ratio		16:9
Resolution		1920x1080 (Full HD)
Brightness		1000 cd/m ² (nit)
Colors		16 Mio.
Key		On/off Volume up / down Windows Touch button Barcode / Camera Touch Button Programmable Touch Button
Electrical specifications		
Battery type		Li-Ion battery 43.29 WH 11.1 V 3900 mAh
Interface		

Technical Data

I/O ports	1x Thunderbolt® 4 1x USB 3.2 Gen 2 (Type A) 1x Micro-HDMI 1x Audio in/out (combo jack) 1x microSD card (microSDXC) 1x Docking connector (35-pin Pogo) 1x DC-In jack
Communication	
WLAN	Intel® Wi-Fi 6E AX211 (802.11a/b/g/n/ac/ax)
Bluetooth	Bluetooth® 5.3
GPS sensor	GPS, Glonass, Beidou, Galileo
Software	
Operating system	Windows® 11 Pro (64 Bit) TPM 2.0
Languages	Deutsch , English (default)
Ambient conditions	
Ambient temperature	-10 ... 55 °C (14 ... 131 °F)
Storage temperature	-10 ... 55 °C (14 ... 131 °F)
Mechanical specifications	
Degree of protection	IP64 MIL-STD-810H / MIL-STD-461F
Mass	1200 g
Dimensions	
W x H x D	298 mm x 192 mm x 20 mm
Data for application in connection with hazardous areas	
ATEX approval	
Certificate of conformity	EPS 16 ATEX 1 163 X
ATEX marking	Ⓔ II 3G Ex ic op is IIC T4 Gc IP64 Ⓔ II 3D Ex ic op is IIIB T135°C Dc IP64
International approvals	
IECEx approval	
IECEx certificate	IECEx EPS 16.0072X
IECEx marking	Ex ic op is IIC T4 Gc IP64 Ex ic op is IIIB T135°C Dc IP64
Approved for	Europe
General information	
Scope of delivery	Pad-Ex® Power supply Power cable Dock Connector with Pass-Through Hand strap Documentation Stylus pen with tether Viator Bluetooth HART Interface

Accessories

Tablet computer

Pad-Ex® 01 P12

PAD-EX01P12DZ2INDC516256WIF000



- 12th generation Intel® Core processor, Windows® 11 Pro
- Intel® Wi-Fi 6E
- 11.6" FHD DynaVueWindows® SR display with 1000 nits
- Can be used in sunlight
- 8 MP camera with autofocus and LED flash
- Thunderbolt® 4
- Micro HDMI
- 6 keys, including 2 user-definable keys
- TPM 2.0
- MIL-STD-810H / MIL-STD-461F standard

Pad-Ex® 01 P12 DZ2 (Div. 2 and Zone 2/22), Wi-Fi, camera, i5 processor, 16 GB RAM, 256 GB SSD, Windows® 11 Pro, version for India



Technical Data

Hardware	
Processor	Intel® Core i5-1235U, 12. Gen.
RAM	16 GByte DDR5
Camera	
Front camera	2 MP
Main camera	8 MP Autofocus
Internal data memory	256 GByte NVMe PCIe SSD
Sensors	Acceleration sensor, gyroscope and e-compass, light sensor
Indicators/operating means	
Display	Can be operated while wearing gloves
Touchscreen technology	Capacitive multitouch
Type	TFT, LCD
Screen diagonal	29.5 cm (11.6 ")
Aspect ratio	16:9
Resolution	1920x1080 (Full HD)
Brightness	1000 cd/m ² (nit)
Colors	16 Mio.
Key	On/off Volume up / down Windows Touch button Barcode / Camera Touch Button Programmable Touch Button
Electrical specifications	
Battery type	Li-Ion battery 43.29 WH 11.1 V 3900 mAh
Interface	
I/O ports	1x Thunderbolt® 4 1x USB 3.2 Gen 2 (Type A) 1x Micro-HDMI 1x Audio in/out (combo jack) 1x microSD card (microSDXC) 1x Docking connector (35-pin Pogo) 1x DC-In jack
Communication	
WLAN	Intel® Wi-Fi 6E AX211 (802.11a/b/g/n/ac/ax)

Technical Data

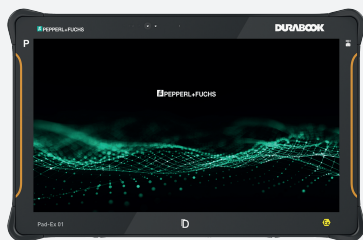
Bluetooth	Bluetooth® 5.3
GPS sensor	GPS, Glonass, Beidou, Galileo
Software	
Operating system	Windows® 11 Pro (64 Bit) TPM 2.0
Languages	Deutsch , English (default)
Ambient conditions	
Ambient temperature	-10 ... 55 °C (14 ... 131 °F)
Storage temperature	-10 ... 55 °C (14 ... 131 °F)
Mechanical specifications	
Degree of protection	IP64 MIL-STD-810H / MIL-STD-461F
Mass	1200 g
Dimensions	
W x H x D	298 mm x 192 mm x 20 mm
Data for application in connection with hazardous areas	
ATEX approval	
Certificate of conformity	EPS 16 ATEX 1 163 X
ATEX marking	Ⓔ II 3G Ex ic op is IIC T4 Gc IP64 Ⓔ II 3D Ex ic op is IIIB T135°C Dc IP64
International approvals	
IECEx approval	
IECEx certificate	IECEx EPS 16.0072X
IECEx marking	Ex ic op is IIC T4 Gc IP64 Ex ic op is IIIB T135°C Dc IP64
Approved for	India
General information	
Scope of delivery	Pad-Ex® Power supply Power cable Dock Connector with Pass-Through Hand strap Documentation Stylus pen with tether

Accessories

Tablet computer

Pad-Ex® 01 P12

PAD-EX01P12DZ2INDC516256W2D000



- 12th generation Intel® Core processor, Windows® 11 Pro
- Intel® Wi-Fi 6E
- 11.6" FHD DynaVue Windows® SR display with 1000 nits
- Can be used in sunlight
- 8 MP camera with autofocus and LED flash
- Thunderbolt® 4
- Micro HDMI
- 6 keys, including 2 user-definable keys
- TPM 2.0
- 1-D/2-D barcode scanner
- MIL-STD-810H / MIL-STD-461F standard

Pad-Ex® 01 P12 DZ2 (Div. 2 and Zone 2/22), Wi-Fi, camera, i5 processor, 16 GB RAM, 256 GB SSD, Windows® 11 Pro, incl. 1-D/2-D barcode scanner, incl. 1-D/2-D barcode scanner, version for India



Technical Data

Hardware		
Processor		Intel® Core i5-1235U, 12. Gen.
RAM		16 GByte DDR5
Camera		
Front camera		2 MP
Main camera		8 MP Autofocus
Scanner		1-D/2-D barcode scanner Honeywell N670X Series scan engine
Internal data memory		256 GByte NVMe PCIe SSD
Sensors		Acceleration sensor, gyroscope and e-compass, light sensor
Indicators/operating means		
Display		Can be operated while wearing gloves
Touchscreen technology		Capacitive multitouch
Type		TFT, LCD
Screen diagonal		29.5 cm (11.6 ")
Aspect ratio		16:9
Resolution		1920x1080 (Full HD)
Brightness		1000 cd/m ² (nit)
Colors		16 Mio.
Key		On/off Volume up / down Windows Touch button Barcode / Camera Touch Button Programmable Touch Button
Electrical specifications		
Battery type		Li-Ion battery 43.29 WH 11.1 V 3900 mAh
Interface		

Technical Data

I/O ports	1x Thunderbolt® 4 1x USB 3.2 Gen 2 (Type A) 1x Micro-HDMI 1x Audio in/out (combo jack) 1x microSD card (microSDXC) 1x Docking connector (35-pin Pogo) 1x DC-In jack
Communication	
WLAN	Intel® Wi-Fi 6E AX211 (802.11a/b/g/n/ac/ax)
Bluetooth	Bluetooth® 5.3
GPS sensor	GPS, Glonass, Beidou, Galileo
Software	
Operating system	Windows® 11 Pro (64 Bit) TPM 2.0
Languages	Deutsch , English (default)
Ambient conditions	
Ambient temperature	-10 ... 55 °C (14 ... 131 °F)
Storage temperature	-10 ... 55 °C (14 ... 131 °F)
Mechanical specifications	
Degree of protection	IP64 MIL-STD-810H / MIL-STD-461F
Mass	1200 g
Dimensions	
W x H x D	298 mm x 192 mm x 20 mm
Data for application in connection with hazardous areas	
ATEX approval	
Certificate of conformity	EPS 16 ATEX 1 163 X
ATEX marking	Ⓔ II 3G Ex ic op is IIC T4 Gc IP64 Ⓔ II 3D Ex ic op is IIIB T135°C Dc IP64
International approvals	
IECEx approval	
IECEx certificate	IECEx EPS 16.0072X
IECEx marking	Ex ic op is IIC T4 Gc IP64 Ex ic op is IIIB T135°C Dc IP64
Approved for	India
General information	
Scope of delivery	Pad-Ex® Power supply Power cable Dock Connector with Pass-Through Hand strap Documentation Stylus pen with tether

Accessories



Tablet computer

Pad-Ex® 01 P12

PAD-EX01P12DZ2INDC516256LTE000

- 12th generation Intel® Core processor, Windows® 11 Pro
- Intel® Wi-Fi 6E
- 11.6" FHD DynaVue Windows® SR display with 1000 nits
- Can be used in sunlight
- 8 MP camera with autofocus and LED flash
- Thunderbolt® 4
- Micro HDMI
- 6 keys, including 2 user-definable keys
- TPM 2.0
- Support for 4G LTE and GPS/Augmented Reality
- Sierra Wireless EM 7565 Module
- MIL-STD-810H / MIL-STD-461F standard

Pad-Ex® 01 P12 DZ2 (Div. 2 and Zone 2/22), LTE, camera, i5 processor, 16 GB RAM, 256 GB SSD, Windows® 11 Pro, version for India



Technical Data

Hardware

Processor	Intel® Core i5-1235U, 12. Gen.
RAM	16 GByte DDR5
Camera	
Front camera	2 MP
Main camera	8 MP Autofocus
Internal data memory	256 GByte NVMe PCIe SSD
Sensors	Acceleration sensor, gyroscope and e-compass, light sensor

Indicators/operating means

Display	Can be operated while wearing gloves
Touchscreen technology	Capacitive multitouch
Type	TFT, LCD
Screen diagonal	29.5 cm (11.6 ")
Aspect ratio	16:9
Resolution	1920x1080 (Full HD)
Brightness	1000 cd/m ² (nit)
Colors	16 Mio.
Key	On/off Volume up / down Windows Touch button Barcode / Camera Touch Button Programmable Touch Button

Electrical specifications

Battery type	Li-Ion battery 43.29 WH 11.1 V 3900 mAh
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Interface

I/O ports	1x Thunderbolt® 4 1x USB 3.2 Gen 2 (Type A) 1x Micro-HDMI 1x Audio in/out (combo jack) 1x microSD card (microSDXC) 1x Docking connector (35-pin Pogo) 1x DC-In jack
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Technical Data

Communication

Mobile standard	
3G	HSPA+ B1, B2, B4, B5, B6, B8, B9, B19
4G	LTE Please note (only U.S. market): AT& is the only supported mobile carrier for the U.S. market. B1, B2, B3, B4, B5, B7, B8, B9, B12, B13, B18, B19, B20, B26, B28, B29, B30, B32, B41, B42, B43, B46, B48, B66
WLAN	Intel® Wi-Fi 6E AX211 (802.11a/b/g/n/ac/ax)
Bluetooth	Bluetooth® 5.3
GPS sensor	GPS, Glonass, Beidou, Galileo
SIM card	1x Nano SIM

Software

Operating system	Windows® 11 Pro (64 Bit) TPM 2.0
Languages	Deutsch , English (default)

Ambient conditions

Ambient temperature	-10 ... 55 °C (14 ... 131 °F)
Storage temperature	-10 ... 55 °C (14 ... 131 °F)

Mechanical specifications

Degree of protection	IP64 MIL-STD-810H / MIL-STD-461F
Mass	1200 g
Dimensions	
W x H x D	298 mm x 192 mm x 20 mm

Data for application in connection with hazardous areas

ATEX approval	
Certificate of conformity	EPS 16 ATEX 1 163 X
ATEX marking	Ⓜ II 3G Ex ic op is IIC T4 Gc IP64 Ⓜ II 3D Ex ic op is IIIB T135°C Dc IP64

International approvals

IECEx approval	
IECEx certificate	IECEx EPS 16.0072X
IECEx marking	Ex ic op is IIC T4 Gc IP64 Ex ic op is IIIB T135°C Dc IP64
Approved for	India

General information

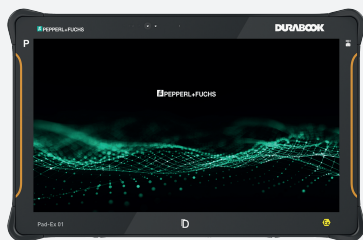
Scope of delivery	Pad-Ex® Power supply Power cable Dock Connector with Pass-Through Hand strap Documentation Stylus pen with tether
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Accessories

Tablet computer

Pad-Ex® 01 P12

PAD-EX01P12DZ2INDC516256L2D000



- 12th generation Intel® Core processor, Windows® 11 Pro
- Intel® Wi-Fi 6E
- 11.6" FHD DynaVue Windows® SR display with 1000 nits
- Can be used in sunlight
- 8 MP camera with autofocus and LED flash
- Thunderbolt® 4
- Micro HDMI
- 6 keys, including 2 user-definable keys
- TPM 2.0
- Support for 4G LTE and GPS/Augmented Reality
- Sierra Wireless EM 7565 Module
- 1-D/2-D barcode scanner
- MIL-STD-810H / MIL-STD-461F standard

Pad-Ex® 01 P12 DZ2 (Div. 2 and Zone 2/22), LTE, camera, i5 processor, 16 GB RAM, 256 GB SSD, Windows® 11 Pro, incl. 1-D/2-D barcode scanner, version for India



Technical Data

Hardware		
Processor		Intel® Core i5-1235U, 12. Gen.
RAM		16 GByte DDR5
Camera		
Front camera		2 MP
Main camera		8 MP Autofocus
Scanner		1-D/2-D barcode scanner Honeywell N670X Series scan engine
Internal data memory		256 GByte NVMe PCIe SSD
Sensors		Acceleration sensor, gyroscope and e-compass, light sensor
Indicators/operating means		
Display		Can be operated while wearing gloves
Touchscreen technology		Capacitive multitouch
Type		TFT, LCD
Screen diagonal		29.5 cm (11.6 ")
Aspect ratio		16:9
Resolution		1920x1080 (Full HD)
Brightness		1000 cd/m ² (nit)
Colors		16 Mio.
Key		On/off Volume up / down Windows Touch button Barcode / Camera Touch Button Programmable Touch Button
Electrical specifications		
Battery type		Li-Ion battery 43.29 WH 11.1 V 3900 mAh
Interface		

Technical Data

I/O ports		1x Thunderbolt® 4 1x USB 3.2 Gen 2 (Type A) 1x Micro-HDMI 1x Audio in/out (combo jack) 1x microSD card (microSDXC) 1x Docking connector (35-pin Pogo) 1x DC-In jack
Communication		
Mobile standard		
3G		HSPA+ B1, B2, B4, B5, B6, B8, B9, B19
4G		LTE Please note (only U.S. market): AT& is the only supported mobile carrier for the U.S. market. B1, B2, B3, B4, B5, B7, B8, B9, B12, B13, B18, B19, B20, B26, B28, B29, B30, B32, B41, B42, B43, B46, B48, B66
WLAN		Intel® Wi-Fi 6E AX211 (802.11a/b/g/n/ac/ax)
Bluetooth		Bluetooth® 5.3
GPS sensor		GPS, Glonass, Beidou, Galileo
SIM card		1x Nano SIM
Software		
Operating system		Windows® 11 Pro (64 Bit) TPM 2.0
Languages		Deutsch , English (default)
Ambient conditions		
Ambient temperature		-10 ... 55 °C (14 ... 131 °F)
Storage temperature		-10 ... 55 °C (14 ... 131 °F)
Mechanical specifications		
Degree of protection		IP64 MIL-STD-810H / MIL-STD-461F
Mass		1200 g
Dimensions		
W x H x D		298 mm x 192 mm x 20 mm
Data for application in connection with hazardous areas		
ATEX approval		
Certificate of conformity		EPS 16 ATEX 1 163 X
ATEX marking		Ⓜ II 3G Ex ic op is IIC T4 Gc IP64 Ⓜ II 3D Ex ic op is IIIB T135°C Dc IP64
International approvals		
IECEx approval		
IECEx certificate		IECEx EPS 16.0072X
IECEx marking		Ex ic op is IIC T4 Gc IP64 Ex ic op is IIIB T135°C Dc IP64
Approved for		India
General information		
Scope of delivery		Pad-Ex® Power supply Power cable Dock Connector with Pass-Through Hand strap Documentation Stylus pen with tether

Accessories



Tablet computer

Pad-Ex® 01 P12

PAD-EX01P12DZ2EUNC516256WIF000

- 12th generation Intel® Core processor, Windows® 11 Pro
- Intel® Wi-Fi 6E
- 11.6" FHD DynaVueWindows® SR display with 1000 nits
- Can be used in sunlight
- 8 MP camera with autofocus and LED flash
- Thunderbolt® 4
- Micro HDMI
- 6 keys, including 2 user-definable keys
- TPM 2.0
- MIL-STD-810H / MIL-STD-461F standard

Pad-Ex® 01 P12 DZ2 (Div. 2 and Zone 2/22), Wi-Fi, camera, i5 processor, 16 GB RAM, 256 GB SSD, Windows® 11 Pro, version for Europe and Northern America



Technical Data

Hardware	
Processor	Intel® Core i5-1235U, 12. Gen.
RAM	16 GByte DDR5
Camera	
Front camera	2 MP
Main camera	8 MP Autofocus
Internal data memory	256 GByte NVMe PCIe SSD
Sensors	Acceleration sensor, gyroscope and e-compass, light sensor
Indicators/operating means	
Display	Can be operated while wearing gloves
Touchscreen technology	Capacitive multitouch
Type	TFT, LCD
Screen diagonal	29.5 cm (11.6 ")
Aspect ratio	16:9
Resolution	1920x1080 (Full HD)
Brightness	1000 cd/m ² (nit)
Colors	16 Mio.
Key	On/off Volume up / down Windows Touch button Barcode / Camera Touch Button Programmable Touch Button
Electrical specifications	
Battery type	Li-Ion battery 43.29 WH 11.1 V 3900 mAh
Interface	
I/O ports	1x Thunderbolt® 4 1x USB 3.2 Gen 2 (Type A) 1x Micro-HDMI 1x Audio in/out (combo jack) 1x microSD card (microSDXC) 1x Docking connector (35-pin Pogo) 1x DC-In jack
Communication	
WLAN	Intel® Wi-Fi 6E AX211 (802.11a/b/g/n/ac/ax)

Technical Data

Bluetooth	Bluetooth® 5.3
GPS sensor	GPS, Glonass, Beidou, Galileo
Software	
Operating system	Windows® 11 Pro (64 Bit) TPM 2.0
Languages	Deutsch , English (default)
Ambient conditions	
Ambient temperature	-10 ... 55 °C (14 ... 131 °F)
Storage temperature	-10 ... 55 °C (14 ... 131 °F)
Mechanical specifications	
Degree of protection	IP64 MIL-STD-810H / MIL-STD-461F
Mass	1200 g
Dimensions	
W x H x D	298 mm x 192 mm x 20 mm
Data for application in connection with hazardous areas	
ATEX approval	
Certificate of conformity	EPS 16 ATEX 1 163 X
ATEX marking	Ⓔ II 3G Ex ic op is IIC T4 Gc IP64 Ⓔ II 3D Ex ic op is IIIB T135°C Dc IP64
International approvals	
SGS approval	
SGS certificate	SGSNA/24/SUW/00031X
Approved for	Class I, Zone 2, AEx ic IIC T4 Gc IP64 Class I, Div 2, Groups A-D T4 Class II, Class III, Zone 22, AEx IIIB T135°C Dc Class II, Div 2, Class III Div 1, Groups F, G, T135°C Ex ic IIC T4 Gc IP64 Ex ic IIIB T135°C Dc IP64
IECEx approval	
IECEx certificate	IECEx EPS 16.0072X
IECEx marking	Ex ic op is IIC T4 Gc IP64 Ex ic op is IIIB T135°C Dc IP64
Approved for	Europe , Northern America
General information	
Scope of delivery	Pad-Ex® Power supply Power cable Dock Connector with Pass-Through Hand strap Documentation Stylus pen with tether

Accessories

Tablet computer

Pad-Ex® 01 P12

PAD-EX01P12DZ2EUNC516256W2D000



- 12th generation Intel® Core processor, Windows® 11 Pro
- Intel® Wi-Fi 6E
- 11.6" FHD DynaVue Windows® SR display with 1000 nits
- Can be used in sunlight
- 8 MP camera with autofocus and LED flash
- Thunderbolt® 4
- Micro HDMI
- 6 keys, including 2 user-definable keys
- TPM 2.0
- 1-D/2-D barcode scanner
- MIL-STD-810H / MIL-STD-461F standard

Pad-Ex® 01 P12 DZ2 (Div. 2 and Zone 2/22), Wi-Fi, camera, i5 processor, 16 GB RAM, 256 GB SSD, Windows® 11 Pro, incl. 1-D/2-D barcode scanner, version for Europe and Northern America



Technical Data

Hardware		
Processor		Intel® Core i5-1235U, 12. Gen.
RAM		16 GByte DDR5
Camera		
Front camera		2 MP
Main camera		8 MP Autofocus
Scanner		1-D/2-D barcode scanner Honeywell N670X Series scan engine
Internal data memory		256 GByte NVMe PCIe SSD
Sensors		Acceleration sensor, gyroscope and e-compass, light sensor
Indicators/operating means		
Display		Can be operated while wearing gloves
Touchscreen technology		Capacitive multitouch
Type		TFT, LCD
Screen diagonal		29.5 cm (11.6 ")
Aspect ratio		16:9
Resolution		1920x1080 (Full HD)
Brightness		1000 cd/m ² (nit)
Colors		16 Mio.
Key		On/off Volume up / down Windows Touch button Barcode / Camera Touch Button Programmable Touch Button
Electrical specifications		
Battery type		Li-Ion battery 43.29 WH 11.1 V 3900 mAh
Interface		

Technical Data

I/O ports	1x Thunderbolt® 4 1x USB 3.2 Gen 2 (Type A) 1x Micro-HDMI 1x Audio in/out (combo jack) 1x microSD card (microSDXC) 1x Docking connector (35-pin Pogo) 1x DC-In jack
Communication	
WLAN	Intel® Wi-Fi 6E AX211 (802.11a/b/g/n/ac/ax)
Bluetooth	Bluetooth® 5.3
GPS sensor	GPS, Glonass, Beidou, Galileo
Software	
Operating system	Windows® 11 Pro (64 Bit) TPM 2.0
Languages	Deutsch , English (default)
Ambient conditions	
Ambient temperature	-10 ... 55 °C (14 ... 131 °F)
Storage temperature	-10 ... 55 °C (14 ... 131 °F)
Mechanical specifications	
Degree of protection	IP64 MIL-STD-810H / MIL-STD-461F
Mass	1200 g
Dimensions	
W x H x D	298 mm x 192 mm x 20 mm
Data for application in connection with hazardous areas	
ATEX approval	
Certificate of conformity	EPS 16 ATEX 1 163 X
ATEX marking	Ⓔ II 3G Ex ic op is IIC T4 Gc IP64 Ⓔ II 3D Ex ic op is IIIB T135°C Dc IP64
International approvals	
SGS approval	
SGS certificate	SGSNA/24/SUW/00031X
Approved for	Class I, Zone 2, AEx ic IIC T4 Gc IP64 Class I, Div 2, Groups A-D T4 Class II, Class III, Zone 22, AEx IIIB T135°C Dc Class II, Div 2, Class III Div 1, Groups F, G, T135°C Ex ic IIC T4 Gc IP64 Ex ic IIIB T135°C Dc IP64
IECEx approval	
IECEx certificate	IECEx EPS 16.0072X
IECEx marking	Ex ic op is IIC T4 Gc IP64 Ex ic op is IIIB T135°C Dc IP64
Approved for	Europe , Northern America
General information	
Scope of delivery	Pad-Ex® Power supply Power cable Dock Connector with Pass-Through Hand strap Documentation Stylus pen with tether

Accessories



Tablet computer

Pad-Ex® 01 P12

PAD-EX01P12DZ2EUNC516256LTE000

- 12th generation Intel® Core processor, Windows® 11 Pro
- Intel® Wi-Fi 6E
- 11.6" FHD DynaVue Windows® SR display with 1000 nits
- Can be used in sunlight
- 8 MP camera with autofocus and LED flash
- Thunderbolt® 4
- Micro HDMI
- 6 keys, including 2 user-definable keys
- TPM 2.0
- Support for 4G LTE and GPS/Augmented Reality
- Sierra Wireless EM 7565 Module
- MIL-STD-810H / MIL-STD-461F standard

Pad-Ex® 01 P12 DZ2 (Div. 2 and Zone 2/22), LTE, camera, i5 processor, 16 GB RAM, 256 GB SSD, Windows® 11 Pro, version for Europe and Northern America



Technical Data

Hardware

Processor	Intel® Core i5-1235U, 12. Gen.
RAM	16 GByte DDR5
Camera	
Front camera	2 MP
Main camera	8 MP Autofocus
Scanner	1-D/2-D barcode scanner Honeywell N670X Series scan engine
Internal data memory	256 GByte NVMe PCIe SSD
Sensors	Acceleration sensor, gyroscope and e-compass, light sensor

Indicators/operating means

Display	Can be operated while wearing gloves
Touchscreen technology	Capacitive multitouch
Type	TFT, LCD
Screen diagonal	29.5 cm (11.6 ")
Aspect ratio	16:9
Resolution	1920x1080 (Full HD)
Brightness	1000 cd/m ² (nit)
Colors	16 Mio.
Key	On/off Volume up / down Windows Touch button Barcode / Camera Touch Button Programmable Touch Button

Electrical specifications

Battery type	Li-Ion battery 43.29 WH 11.1 V 3900 mAh
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Interface

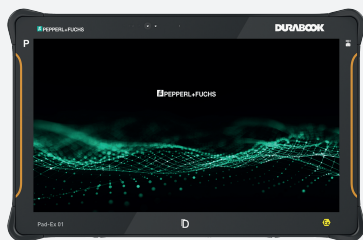
Technical Data

I/O ports		1x Thunderbolt® 4 1x USB 3.2 Gen 2 (Type A) 1x Micro-HDMI 1x Audio in/out (combo jack) 1x microSD card (microSDXC) 1x Docking connector (35-pin Pogo) 1x DC-In jack
Communication		
Mobile standard		
3G		HSPA+ B1, B2, B4, B5, B6, B8, B9, B19
4G		LTE Please note (only U.S. market): AT&T is the only supported mobile carrier for the U.S. market. B1, B2, B3, B4, B5, B7, B8, B9, B12, B13, B18, B19, B20, B26, B28, B29, B30, B32, B41, B42, B43, B46, B48, B66
WLAN		Intel® Wi-Fi 6E AX211 (802.11a/b/g/n/ac/ax)
Bluetooth		Bluetooth® 5.3
GPS sensor		GPS, Glonass, Beidou, Galileo
SIM card		1x Nano SIM
Software		
Operating system		Windows® 11 Pro (64 Bit) TPM 2.0
Languages		Deutsch , English (default)
Ambient conditions		
Ambient temperature		-10 ... 55 °C (14 ... 131 °F)
Storage temperature		-10 ... 55 °C (14 ... 131 °F)
Mechanical specifications		
Degree of protection		IP64 MIL-STD-810H / MIL-STD-461F
Mass		1200 g
Dimensions		
W x H x D		298 mm x 192 mm x 20 mm
Data for application in connection with hazardous areas		
ATEX approval		
Certificate of conformity		EPS 16 ATEX 1 163 X
ATEX marking		Ⓔ II 3G Ex ic op is IIC T4 Gc IP64 Ⓔ II 3D Ex ic op is IIIB T135°C Dc IP64
International approvals		
SGS approval		
SGS certificate		SGSNA/24/SUW/00031X
Approved for		Class I, Zone 2, AEx ic IIC T4 Gc IP64 Class I, Div 2, Groups A-D T4 Class II, Class III, Zone 22, AEx IIIB T135°C Dc Class II, Div 2, Class III Div 1, Groups F, G, T135°C Ex ic IIC T4 Gc IP64 Ex ic IIIB T135°C Dc IP64
IECEX approval		
IECEX certificate		IECEX EPS 16.0072X
IECEX marking		Ex ic op is IIC T4 Gc IP64 Ex ic op is IIIB T135°C Dc IP64
Approved for		Europe , Northern America
General information		
Scope of delivery		Pad-Ex® Power supply Power cable Dock Connector with Pass-Through Hand strap Documentation Stylus pen with tether

Tablet computer

Pad-Ex® 01 P12

PAD-EX01P12DZ2EUNC516256L2D000



- 12th generation Intel® Core processor, Windows® 11 Pro
- Intel® Wi-Fi 6E
- 11.6" FHD DynaVue Windows® SR display with 1000 nits
- Can be used in sunlight
- 8 MP camera with autofocus and LED flash
- Thunderbolt® 4
- Micro HDMI
- 6 keys, including 2 user-definable keys
- TPM 2.0
- Support for 4G LTE and GPS/Augmented Reality
- Sierra Wireless EM 7565 Module
- 1-D/2-D barcode scanner
- MIL-STD-810H / MIL-STD-461F standard

Pad-Ex® 01 P12 DZ2 (Div. 2 and Zone 2/22), LTE, camera, i5 processor, 16 GB RAM, 256 GB SSD, Windows® 11 Pro, incl. 1-D/2-D barcode scanner, version for Europe and Northern America



Technical Data

Hardware		
Processor		Intel® Core i5-1235U, 12. Gen.
RAM		16 GByte DDR5
Camera		
Front camera		2 MP
Main camera		8 MP Autofocus
Scanner		1-D/2-D barcode scanner Honeywell N670X Series scan engine
Internal data memory		256 GByte NVMe PCIe SSD
Sensors		Acceleration sensor, gyroscope and e-compass, light sensor
Indicators/operating means		
Display		Can be operated while wearing gloves
Touchscreen technology		Capacitive multitouch
Type		TFT, LCD
Screen diagonal		29.5 cm (11.6 ")
Aspect ratio		16:9
Resolution		1920x1080 (Full HD)
Brightness		1000 cd/m² (nit)
Colors		16 Mio.
Key		On/off Volume up / down Windows Touch button Barcode / Camera Touch Button Programmable Touch Button
Electrical specifications		
Battery type		Li-Ion battery 43.29 WH 11.1 V 3900 mAh
Interface		

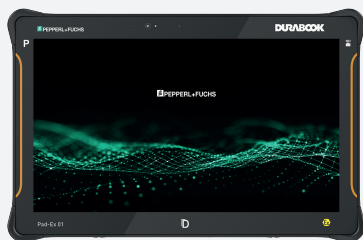
Technical Data

I/O ports		1x Thunderbolt® 4 1x USB 3.2 Gen 2 (Type A) 1x Micro-HDMI 1x Audio in/out (combo jack) 1x microSD card (microSDXC) 1x Docking connector (35-pin Pogo) 1x DC-In jack
Communication		
Mobile standard		
3G		HSPA+ B1, B2, B4, B5, B6, B8, B9, B19
4G		LTE Please note (only U.S. market): AT&T is the only supported mobile carrier for the U.S. market. B1, B2, B3, B4, B5, B7, B8, B9, B12, B13, B18, B19, B20, B26, B28, B29, B30, B32, B41, B42, B43, B46, B48, B66
WLAN		Intel® Wi-Fi 6E AX211 (802.11a/b/g/n/ac/ax)
Bluetooth		Bluetooth® 5.3
GPS sensor		GPS, Glonass, Beidou, Galileo
SIM card		1x Nano SIM
Software		
Operating system		Windows® 11 Pro (64 Bit) TPM 2.0
Languages		Deutsch , English (default)
Ambient conditions		
Ambient temperature		-10 ... 55 °C (14 ... 131 °F)
Storage temperature		-10 ... 55 °C (14 ... 131 °F)
Mechanical specifications		
Degree of protection		IP64 MIL-STD-810H / MIL-STD-461F
Mass		1200 g
Dimensions		
W x H x D		298 mm x 192 mm x 20 mm
Data for application in connection with hazardous areas		
ATEX approval		
Certificate of conformity		EPS 16 ATEX 1 163 X
ATEX marking		Ⓜ II 3G Ex ic op is IIC T4 Gc IP64 Ⓜ II 3D Ex ic op is IIIB T135°C Dc IP64
International approvals		
SGS approval		
SGS certificate		SGSNA/24/SUW/00031X
Approved for		Class I, Zone 2, AEx ic IIC T4 Gc IP64 Class I, Div 2, Groups A-D T4 Class II, Class III, Zone 22, AEx IIIB T135°C Dc Class II, Div 2, Class III Div 1, Groups F, G, T135°C Ex ic IIC T4 Gc IP64 Ex ic IIIB T135°C Dc IP64
IECEX approval		
IECEX certificate		IECEX EPS 16.0072X
IECEX marking		Ex ic op is IIC T4 Gc IP64 Ex ic op is IIIB T135°C Dc IP64
Approved for		Europe , Northern America
General information		
Scope of delivery		Pad-Ex® Power supply Power cable Dock Connector with Pass-Through Hand strap Documentation Stylus pen with tether

Tablet computer

Pad-Ex® 01 P12

PAD-EX01P12DZ2*



- 12th generation Intel® Core processor, Windows® 11 Pro
- Intel® Wi-Fi 6E
- 11.6" FHD DynaVue Windows® SR display with 1000 nits
- Can be used in sunlight
- 8 MP camera with autofocus and LED flash
- Thunderbolt® 4
- Micro HDMI
- 6 keys, including 2 user-definable keys
- TPM 2.0
- Support for 4G LTE and GPS/Augmented Reality
- Sierra Wireless EM 7565 Module
- 1-D/2-D barcode scanner
- Non-Camera version possible
- MIL-STD-810H / MIL-STD-461F standard

Pad-Ex® 01 DZ2 (Div. 2 and Zone 2/22), LTE (optional), camera (optional), i5 processor, 16 GB RAM, 256 GB SSD, Windows® 11 Pro



Technical Data

Hardware

Processor	Intel® Core i5-1235U, 12. Gen. Optional: Intel® Core i7-1255U, 12th Gen.
RAM	16 GByte DDR5
Camera	Version without camera available.
Front camera	2 MP
Main camera	8 MP Autofocus
Scanner	Optional: 1-D/2-D barcode scanner Honeywell N670X Series scan engine
Internal data memory	256 GByte NVMe PCIe SSD
Sensors	Acceleration sensor, gyroscope and e-compass, light sensor

Indicators/operating means

Display	Can be operated while wearing gloves
Touchscreen technology	Capacitive multitouch
Type	TFT, LCD
Screen diagonal	29.5 cm (11.6 ")
Aspect ratio	16:9
Resolution	1920x1080 (Full HD)
Brightness	1000 cd/m ² (nit)
Colors	16 Mio.
Key	On/off Volume up / down Windows Touch button Barcode / Camera Touch Button Programmable Touch Button

Electrical specifications

Battery type	Li-Ion battery 43.29 WH 11.1 V 3900 mAh
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Interface

Technical Data

I/O ports	1x Thunderbolt® 4 1x USB 3.2 Gen 2 (Type A) 1x Micro-HDMI 1x Audio in/out (combo jack) 1x microSD card (microSDXC) 1x Docking connector (35-pin Pogo) 1x DC-In jack
Communication	
Mobile standard	Also available in a Wi-Fi only version.
3G	HSPA+ B1, B2, B4, B5, B6, B8, B9, B19
4G	LTE Please note (only U.S. market): AT&T is the only supported mobile carrier for the U.S. market. B1, B2, B3, B4, B5, B7, B8, B9, B12, B13, B18, B19, B20, B26, B28, B29, B30, B32, B41, B42, B43, B46, B48, B66
WLAN	Intel® Wi-Fi 6E AX211 (802.11a/b/g/n/ac/ax)
Bluetooth	Bluetooth® 5.3
GPS sensor	GPS, Glonass, Beidou, Galileo
SIM card	Optional: 1x Nano SIM
Software	
Operating system	Windows® 11 Pro (64 Bit) TPM 2.0
Languages	Deutsch , English (default)
Ambient conditions	
Ambient temperature	-10 ... 55 °C (14 ... 131 °F)
Storage temperature	-10 ... 55 °C (14 ... 131 °F)
Mechanical specifications	
Degree of protection	IP64 MIL-STD-810H / MIL-STD-461F
Mass	1200 g
Dimensions	
W x H x D	298 mm x 192 mm x 20 mm
Data for application in connection with hazardous areas	
ATEX approval	
Certificate of conformity	EPS 16 ATEX 1 163 X
ATEX marking	Ⓔ II 3G Ex ic op is IIC T4 Gc IP64 Ⓔ II 3D Ex ic op is IIIB T135°C Dc IP64
International approvals	
SGS approval	
SGS certificate	SGSNA/24/SUW/00031X
Approved for	Class I, Zone 2, AEx ic IIC T4 Gc IP64 Class I, Div 2, Groups A-D T4 Class II, Class III, Zone 22, AEx IIIB T135°C Dc Class II, Div 2, Class III Div 1, Groups F, G, T135°C Ex ic IIC T4 Gc IP64 Ex ic IIIB T135°C Dc IP64
IECEX approval	
IECEX certificate	IECEX EPS 16.0072X
IECEX marking	Ex ic op is IIC T4 Gc IP64 Ex ic op is IIIB T135°C Dc IP64
INMETRO approval	
INMETRO certificate	TÜV 20.1444 X
INMETRO marking	Ex ic op is IIC T4 Gc IP64 Ex ic op is IIIB T135°C Dc IP64
NEPSI approval	
NEPSI certificate	Pending
IA approval	MASC S/19-6224X Ex ic op is IIC T4 Gc IP64 Ex ic op is IIIB T135°C Dc IP64
CML approval	

Technical Data

CML certificate	CML 19 JPN 2478 X
CML marking	Ex ic op is IIC T4 Gc IP64 Ex ic op is IIIB T135°C Dc IP64
General information	
Scope of delivery	Pad-Ex® Power supply Power cable Dock Connector with Pass-Through Hand strap Documentation Stylus pen with tether

Accessories



Tablet computer

Pad-Ex® 01 P12

PAD-EX01P12-D2*

- 12th generation Intel® Core processor, Windows® 11 Pro
- Intel® Wi-Fi 6E
- 11.6" FHD DynaVue Windows® SR display with 1000 nits
- Can be used in sunlight
- 8 MP camera with autofocus and LED flash
- Thunderbolt® 4
- Micro HDMI
- 6 keys, including 2 user-definable keys
- TPM 2.0
- Support for 4G LTE and GPS/Augmented Reality
- Sierra Wireless EM 7565 Module
- 1-D/2-D barcode scanner
- MIL-STD-810H / MIL-STD-461F standard

Pad-Ex 01 D2 (DIV 2), LTE (optional), with camera, i5 processor, 16 GB RAM, 256 GB SSD, Windows® 11 Pro



Technical Data

Hardware	
Processor	Intel® Core i5-1235U, 12. Gen.
RAM	16 GByte DDR5
Camera	
Front camera	2 MP
Main camera	8 MP Autofocus
Scanner	Optional: 1-D/2-D barcode scanner Honeywell N670X Series scan engine
Internal data memory	256 GByte NVMe PCIe SSD
Sensors	Acceleration sensor, gyroscope and e-compass, light sensor
Indicators/operating means	
Display	Can be operated while wearing gloves
Touchscreen technology	Capacitive multitouch
Type	TFT, LCD
Screen diagonal	29.5 cm (11.6 ")
Aspect ratio	16:9
Resolution	1920x1080 (Full HD)
Brightness	1000 cd/m ² (nit)
Colors	16 Mio.
Key	On/off Volume up / down Windows Touch button Barcode / Camera Touch Button Programmable Touch Button
Electrical specifications	
Battery type	Li-Ion battery 43.29 WH 11.1 V 3900 mAh
Interface	

Technical Data

I/O ports	1x Thunderbolt® 4 1x USB 3.2 Gen 2 (Type A) 1x Micro-HDMI 1x Audio in/out (combo jack) 1x microSD card (microSDXC) 1x Docking connector (35-pin Pogo) 1x DC-In jack
Communication	
Mobile standard	Also available in a Wi-Fi only version.
3G	HSPA+ B1, B2, B4, B5, B6, B8, B9, B19
4G	LTE Please note (only U.S. market): AT&T is the only supported mobile carrier for the U.S. market. B1, B2, B3, B4, B5, B7, B8, B9, B12, B13, B18, B19, B20, B26, B28, B29, B30, B32, B41, B42, B43, B46, B48, B66
WLAN	Intel® Wi-Fi 6E AX211 (802.11a/b/g/n/ac/ax)
Bluetooth	Bluetooth® 5.3
GPS sensor	GPS, Glonass, Beidou, Galileo
SIM card	Optional: 1x Nano SIM
Software	
Operating system	Windows® 11 Pro (64 Bit) TPM 2.0
Languages	Deutsch , English (default)
Ambient conditions	
Ambient temperature	-10 ... 55 °C (14 ... 131 °F)
Storage temperature	-10 ... 55 °C (14 ... 131 °F)
Mechanical specifications	
Degree of protection	IP64 MIL-STD-810H / MIL-STD-461F
Mass	1200 g
Dimensions	
W x H x D	298 mm x 192 mm x 20 mm
International approvals	
SGS approval	
SGS certificate	SGSNA/24/SUW/00031X
Approved for	Class I, Zone 2, AEx ic IIC T4 Gc IP64 Class I, Div 2, Groups A-D T4 Class II, Class III, Zone 22, AEx IIIB T135°C Dc Class II, Div 2, Class III Div 1, Groups F, G, T135°C Ex ic IIC T4 Gc IP64 Ex ic IIIB T135°C Dc IP64
General information	
Scope of delivery	Pad-Ex® Power supply Power cable Dock Connector with Pass-Through Hand strap Documentation Stylus pen with tether

Accessories

По вопросам продаж и поддержки обращайтесь:

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Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Благовещенск (4162)22-76-07
Брянск (4832)59-03-52
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Пенза (8412)22-31-16
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Псков (8112)59-10-37
Пермь (342)205-81-47

Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
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Тверь (4822)63-31-35

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