



## Tablet computer

### Pad-Ex® 01 P12

#### PAD-EX01P12DZ2Z AFC516256L2D000

- 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
- MIL-STD-810H
- 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

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	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 <sup>2</sup> (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	

Release date: 2024-04-25 Date of issue: 2024-04-25 Filename: 480991-1-100029\_eng.pdf

Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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## 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
<b>Communication</b>	
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
<b>Software</b>	
Operating system	Windows® 11 Pro (64 Bit)
Languages	Deutsch , English (default)
<b>Ambient conditions</b>	
Ambient temperature	-10 ... 55 °C (14 ... 131 °F)
Storage temperature	-10 ... 55 °C (14 ... 131 °F)
<b>Mechanical specifications</b>	
Degree of protection	IP64
Mass	1200 g
Dimensions	
W x H x D	298 mm x 192 mm x 20 mm
<b>Data for application in connection with hazardous areas</b>	
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
<b>International approvals</b>	
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	MASC S/19-6224X Ex ic op is IIC T4 Gc IP64 Ex ic op is IIIB T135°C Dc IP64
Approved for	South Africa
<b>General information</b>	
Scope of delivery	Pad-Ex® Power supply Power cable Dock Connector with Pass-Through Hand strap Documentation Stylus pen with tether

## Accessories

Accessories for this product can be found on the internet at [www.pepperl-fuchs.com](http://www.pepperl-fuchs.com).