



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 | |
| Touch screen technology | Capacitive multitouch |
| Panel type | TFT, LCD |
| Screen size | 29.5 cm (11.6 ") |
| Aspect ratio | 16:9 |
| Resolution | 1920x1080 (Full HD) |
| Brightness | 1000 cd/m ² (nit) |
| Colors | 16 Mio. |
| Special Features | Can be operated while wearing gloves |
| 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

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

Release date: 2025-04-10 Date of issue: 2025-04-10 Filename: 480991-1-100009_eng.pdf

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 | |
| 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 |
| 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

Accessories for this product can be found on the internet at www.pepperl-fuchs.com.