

# Tablet computer

## TAB-EXPRODZ2-WIFIZAF-CS00..



- First 10.1" (25.54 cm) Android™ tablet for hazardous areas
- Comprehensive security thanks to Samsung KNOX
- Accessories and peripheral devices allow a wider range of applications
- Suitable for use with gloves
- NFC technology for wireless applications
- GPS
- Replaceable battery
- Memory expansion up to 512 GB possible
- Global certificates - a common platform
- Latest available Android™ version for this device
- 13 MP rear camera + 8 MP front camera
- Non-Camera version possible
- MIL-STD-810H

Tab-Ex Pro DZ2 (DIV 2 & Zone 2/22), latest available Android firmware release, WiFi, with camera, with microSD card, version for Südafrika



### Technical Data

| Hardware                   |   |
|----------------------------|---|
| Processor                  | Octa-Core, 2x 2 GHz + 6x 1,7 GHz<br>Qualcom SDM670  |
| Working memory             | RAM 4 GByte   |
| Camera                     |   |
| Front camera               | 8 MP  |
| Main camera                | 13 MP Autofocus   |
| Video recording resolution | UHD 4K (3840 x 2160 Pixel) @ 30 fps   |
| Optional data memory       | Micro SD flash card up to 512 GByte   |
| Internal data memory       | 64 GByte  |
| Sensors                    | Accelerometer, barometer, fingerprint sensor, position sensor, compass, hall sensor, ambient light sensor, proximity sensor |
| Indicators/operating means |   |
| Display                    | Can be operated while wearing gloves  |
| Touchscreen technology     | Capacitive multitouch   |
| Type                       | TFT, LCD  |
| Screen diagonal            | 25.54 cm (10 ")   |
| Aspect ratio               | 16:10   |
| Resolution                 | 1920 x 1200 (WUXGA)   |
| Brightness                 | 480 cd/m <sup>2</sup> (nit)   |
| Colors                     | 16 Mio.   |
| Electrical specifications  |   |
| Battery type               | Li-Ion battery 28.12 WH 3.8 V 7400 mAh  |
| Operating duration         | up to 15 h  |
| Communication              |   |
| WLAN                       | 802.11 a/b/g/n/ac (2,4 GHz + 5 GHz), VHT80  |
| Bluetooth                  | Bluetooth® 5.0 (LE bis zu 2 MBit/s)   |
| GPS sensor                 | GPS, Glonass, Beidou, Galileo   |
| USB                        | USB 3.1 Gen. 1  |
| Connections                | Wi-Fi Direct, NFC, ANT+   |
| SIM card                   | 1 x Nano SIM (4FF)  |








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

















## Technical Data

| Software  |  |
|---|--|
| Operating system  | Android™ 11  |
| Languages   | Deutsch , English (default)  |
| Safety  | Samsung KNOX 3.2   |
| SMS/MMS   | yes  |
| Ambient conditions                                      |  |
| Ambient temperature                                     | -20 ... 55 °C (-4 ... 131 °F)  |
| Mechanical specifications                               |  |
| Degree of protection                                    | IP64   |
| Mass  | 930 g  |
| Dimensions  | H x W x D 170.2 mm x 243.5 mm x 9.9 mm   |
| Data for application in connection with hazardous areas |  |
| ATEX approval   |  |
| Certificate of conformity                               | EPS 20 ATEX 1 131 X  |
| ATEX marking  | Ⓜ II 3G Ex ic IIC T5 Gc<br>Ⓜ II 3D Ex ic IIIB T80°C Dc                               |
| International approvals                                 |  |
| SGS approval  | SGSNA/20/SUW/00063X  |
| Approved for  | Class I, Division 2, Groups A - D T5 Class I, Zone 2, Group IIC T5                   |
| IECEX approval  |  |
| IECEX certificate                                       | IECEX EPS 20.0050X   |
| IECEX marking   | Ex ic IIC T5 Gc<br>Ex ic IIIB T80°C Dc   |
| IA approval   | MASC S/21-8334 X   |
| Approved for  | South Africa   |
| Further approvals                                       | MIL-STD-810H   |
| General information                                     |  |
| Scope of delivery                                       | Tab-Ex Pro incl. battery<br>Ex-protective cover<br>S Pen<br>Charger<br>Documentation |

## Accessories

|   |                                      |  |
|---|--------------------------------------|--|
|  | <b>BC T01</b>                        | Belt loop with carabiner                         |
|  | <b>Carrying Strap (cushioned)</b>    | Carrying strap (padded) for leather bags         |
|  | <b>TC S02 Travel Charger</b>         | Travel charger                                   |
|  | <b>BP TPRO X2</b>                    | Battery pack Li-Ion 28,12 Wh                     |
|  | <b>microSD-Card 512GB Tab-Ex Pro</b> | 256 GB microSD card for Tab-Ex Pro               |
|  | <b>ST TPRO X2 Samsung S Pen</b>      | Stylus pen                                       |
|  | <b>S Pen Tips u. Tweezers TPRO</b>   | Tip ends and tip removal tweezers for ST TPRO X2 |

## Accessories

|   |   |   |
|---|---|---|
|    | <b>PC TPRO USB-CABLE<br/>TAB-EX PRO</b>                       | USB connection cable  |
|    | <b>PSPA1C1GE</b>  | USB-C to Ethernet Adapter   |
|    | <b>DC TPRO X2 Desktop<br/>Charger 5Bay<br/>(EU/UK/AUS/NZ)</b> | Desktop charging station, 5-slot, for Tab-Ex Pro                            |
|    | <b>DC TPRO X2 Desktop<br/>Charger 5Bay (US)</b>               | Desktop charging station, 5-slot, for Tab-Ex Pro                            |
|    | <b>VH TPRO X2<br/>CIGLIGHTCON NON-EX</b>                      | Car charger, on-board voltage socket, non-Ex, for Tab-Ex Pro                |
|    | <b>VH TPRO X2<br/>BAREWIRED NON-EX</b>                        | Vehicle mount, blank, wired, non-Ex for Tab-Ex Pro                          |
|    | <b>VH TPRO X2 CRADLE<br/>NON-EX</b>                           | Vehicle mount   |
|    | <b>HM-MT-BT-EX-010041</b>                                     | Interface for wireless communication between PC host and HART field devices |
|    | <b>CH TPRO X2</b>   | Chest strap carrying system for Tab-Ex Pro DZ2/D2                           |
|  | <b>LC TPRO X2</b>   | Leather case for Tab-Ex Pro DZ2/D2  |
|  | <b>MA TPRO X2<br/>MULTI-PORT-ADAPTER</b>                      | Multiport-Adapter   |
|  | <b>KB TPRO X2 2-1<br/>ATTACH.KB (US)</b>                      | keyboard  |
|  | <b>KB TPRO X2 2-1<br/>ATTACH.KB (UK)</b>                      | keyboard  |
|  | <b>KB TPRO X2 2-1<br/>ATTACH.KB (FR)</b>                      | keyboard  |
|  | <b>KB TPRO X2 2-1<br/>ATTACH.KB (GER)</b>                     | keyboard  |
|  | <b>KB TPRO X2 2-1<br/>ATTACH.KB (ES)</b>                      | keyboard  |

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