



## Tablet computer

### Tab-Ex® 04 Pro

#### TAB-EX04PRODZ2\*

- Rugged 10.1 " (25.66 cm) tablet for hazardous areas
- Fast wireless data connection with 5G and Wi-Fi 6
- Latest available Android™ version for this device
- 13 MP rear camera + 8 MP front camera
- Comprehensive security thanks to Samsung KNOX
- Suitable for use with gloves
- Samsung DeX Mode
- Replaceable battery
- MIL-STD-810H
- Memory expansion up to 1 TB possible
- Replaceable SIM
- Non-Camera version possible

Tab-Ex 04 Pro DZ2 (DIV 2 and Zone 2/22), latest available Android firmware release, WWAN (optional), with camera (optional), with microSD card (optional)



## Technical Data

| Hardware                   |  |                                                                                                         |
|----------------------------|--|---------------------------------------------------------------------------------------------------------|
| Processor                  |  | Octa-Core, 4 x 2.4 GHz + 4 x 1.8 GHz<br>Qualcomm Snapdragon SM7325-2-AB                                 |
| RAM                        |  | 6 GByte **                                                                                              |
| Camera                     |  | <b>Version without camera available.</b>                                                                |
| Front camera               |  | 8 MP                                                                                                    |
| Main camera                |  | 13 MP Autofocus                                                                                         |
| Video recording resolution |  | UHD 4K (3840 x 2160) @ 30 fps                                                                           |
| Internal data memory       |  | 128 GByte **<br>Free available memory 104.6 GByte                                                       |
| Optional data memory       |  | Micro SD flash card up to 1 TByte                                                                       |
| Sensors                    |  | Accelerometer, barometer, position sensor, compass, hall sensor, ambient light sensor, proximity sensor |
| Indicators/operating means |  |                                                                                                         |
| Display                    |  |                                                                                                         |
| Touch screen technology    |  | Capacitive multitouch                                                                                   |
| Panel type                 |  | TFT, LCD                                                                                                |
| Screen size                |  | 10.1" (25.66 cm)                                                                                        |
| Aspect ratio               |  | 21.6:18                                                                                                 |
| Resolution                 |  | 1920 x 1200 (WUXGA)                                                                                     |
| Brightness                 |  | 480 cd/m <sup>2</sup> (nit)                                                                             |
| Colors                     |  | 16 Mio.                                                                                                 |
| Special Features           |  | Can be operated while wearing gloves                                                                    |
| Electrical specifications  |  |                                                                                                         |
| Battery type               |  | Li-Ion battery 28.12 WH 3.8 V 7400 mAh                                                                  |
| Operating duration         |  | up to 15 h                                                                                              |
| Communication              |  |                                                                                                         |
| Mobile standard            |  | <b>Also available in a Wi-Fi only version.</b>                                                          |
| 2G                         |  | GSM: GSM 850, GSM 900, DCS 1800, PCS 1900                                                               |
| 3G                         |  | UMTS: B1 (2100), B2 (1900), B4 (AWS), B5 (850), B8 (900)                                                |

Release date: 2025-05-28 Date of issue: 2025-05-28 Filename: t217706\_eng.pdf

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

Pepperl+Fuchs Group  
www.pepperl-fuchs.com

USA: +1 330 486 0002  
pa-info@us.pepperl-fuchs.com

Germany: +49 621 776 2222  
pa-info@de.pepperl-fuchs.com

Singapore: +65 6779 9091  
pa-info@sg.pepperl-fuchs.com

 **PEPPERL+FUCHS**

## Technical Data

|                                                                |                                                                                                                                                                                                                                                                                                                                                              |
|----------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4G                                                             | LTE FDD: B1 (2100), B2 (1900), B3 (1800), B4 (AWS), B5 (850), B7 (2.600), B8 (900), B12 (700), B13 (700), B17 (700), B18 (800), B19 (800), B20 (800), B25 (1900), B26 (850), B28 (700), B32 (1500), B66 (AWS-3)<br>LTE TDD: B38 (2600), B40 (2300), B41 (2500)<br>4 x 4 MIMO: B1 (2100), B3 (1800), B4 (AWS), B7 (2600), B66 (AWS-3), B38 (2600), B41 (2500) |
| 5G                                                             | 5G Sub6 FDD: n1 (2100), n3 (1800), n5 (850), n7 (2600), n8 (900), n20 (800), n28 (700), n66 (AWS 3)<br>5G Sub6 TDD: n38 (2600), n40 (2300), n41 (2500), n77 (3700), n78 (3500)<br>4 x 4 MIMO: n1 (2100), n3 (1800), n7 (2600), n66 (AWS-3), n38 (2600), n41 (2500), n77 (3700), n78 (3500)                                                                   |
| WLAN                                                           | 802.11 a/b/g/n/ac/ax (2,4 GHz + 5 GHz), HE80, MIMO, 1024-QAM                                                                                                                                                                                                                                                                                                 |
| Bluetooth                                                      | 5.2 (BLE supported)                                                                                                                                                                                                                                                                                                                                          |
| GPS sensor                                                     | GPS, GLONASS, Beidou, Galileo, QZSS                                                                                                                                                                                                                                                                                                                          |
| USB                                                            | USB 3.2 (Type C)                                                                                                                                                                                                                                                                                                                                             |
| Connections                                                    | Wi-Fi Direct, NFC, ANT+                                                                                                                                                                                                                                                                                                                                      |
| SIM card                                                       | <b>Optional:</b><br>1x Nano SIM (4FF)                                                                                                                                                                                                                                                                                                                        |
| <b>Software</b>                                                |                                                                                                                                                                                                                                                                                                                                                              |
| Operating system                                               | Android™ 13                                                                                                                                                                                                                                                                                                                                                  |
| Languages                                                      | Deutsch , English (default)                                                                                                                                                                                                                                                                                                                                  |
| <b>Cybersecurity</b>                                           |                                                                                                                                                                                                                                                                                                                                                              |
| IT security                                                    |                                                                                                                                                                                                                                                                                                                                                              |
| Mobile device protection                                       | Samsung KNOX 3.x                                                                                                                                                                                                                                                                                                                                             |
| <b>Ambient conditions</b>                                      |                                                                                                                                                                                                                                                                                                                                                              |
| Ambient temperature                                            | -20 ... 55 °C (-4 ... 131 °F)                                                                                                                                                                                                                                                                                                                                |
| <b>Mechanical specifications</b>                               |                                                                                                                                                                                                                                                                                                                                                              |
| Degree of protection                                           | IP68 according to EN/IEC 60529<br>MIL-STD-810H                                                                                                                                                                                                                                                                                                               |
| Mass                                                           | 930 g                                                                                                                                                                                                                                                                                                                                                        |
| Dimensions                                                     |                                                                                                                                                                                                                                                                                                                                                              |
| W x H x D                                                      | 170.2 mm x 243.5 mm x 15 mm                                                                                                                                                                                                                                                                                                                                  |
| <b>Data for application in connection with hazardous areas</b> |                                                                                                                                                                                                                                                                                                                                                              |
| ATEX approval                                                  |                                                                                                                                                                                                                                                                                                                                                              |
| ATEX certificate                                               | EPS 23 ATEX 1 251 X                                                                                                                                                                                                                                                                                                                                          |
| ATEX marking                                                   | Ⓔ II 3G Ex ic IIC T5 Gc<br>Ⓔ II 3D Ex ic IIIC T135 °C Dc                                                                                                                                                                                                                                                                                                     |
| <b>International approvals</b>                                 |                                                                                                                                                                                                                                                                                                                                                              |
| SGS approval                                                   |                                                                                                                                                                                                                                                                                                                                                              |
| SGS certificate                                                | SGSNA/23/SUW/00079X                                                                                                                                                                                                                                                                                                                                          |
| Approved for                                                   | Class I, Division 2, Groups A - D T5<br>Class II, Division 2, Groups F,G T135°C                                                                                                                                                                                                                                                                              |
| IECEX approval                                                 |                                                                                                                                                                                                                                                                                                                                                              |
| IECEX certificate                                              | IECEX EPS 23.0079X                                                                                                                                                                                                                                                                                                                                           |
| IECEX marking                                                  | Ex ic IIC T5 Gc<br>Ex ic IIIC T135°C Dc                                                                                                                                                                                                                                                                                                                      |
| KCC approval                                                   |                                                                                                                                                                                                                                                                                                                                                              |
| KCC certificate                                                | 24-KA4BO-0671X<br>24-KA4BO-0670X                                                                                                                                                                                                                                                                                                                             |
| KCC marking                                                    | Ex ic IIC T5 Gc<br>Ex ic IIIC T135°C Dc                                                                                                                                                                                                                                                                                                                      |
| IA approval                                                    |                                                                                                                                                                                                                                                                                                                                                              |
| IA certificate                                                 | MASC S/24-8640X                                                                                                                                                                                                                                                                                                                                              |
| IA marking                                                     | Ex ic IIC T5 Gc<br>Ex ic IIIC T135°C Dc                                                                                                                                                                                                                                                                                                                      |
| CML approval                                                   |                                                                                                                                                                                                                                                                                                                                                              |
| CML certificate                                                | CML 24JPN2087X                                                                                                                                                                                                                                                                                                                                               |
| CML marking                                                    | Ex ic IIC T5 Gc<br>Ex ic IIIC T135°C Dc                                                                                                                                                                                                                                                                                                                      |

Release date: 2025-05-28 Date of issue: 2025-05-28 Filename: t217706\_eng.pdf

Technical Data

| General information |                                                                  |
|---------------------|------------------------------------------------------------------|
| Scope of delivery   | Tab-Ex 04 Pro incl. battery<br>S Pen<br>Charger<br>Documentation |

Accessories

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

Release date: 2025-05-28 Date of issue: 2025-05-28 Filename: t217706\_eng.pdf