



## Tablet computer

### Tab-Ex® 03 DZ1

#### TAB-EX03-DZ1-WWANCAN-CN-000-..



- NFC technology for wireless applications
- Comprehensive security thanks to Samsung KNOX
- Suitable for use with gloves
- Google ARCore
- Samsung DeX Mode
- MIL-STD-810H
- 64 GB internal memory
- Replaceable SIM
- Wireless connections such as WWAN, 4G LTE, WLAN and Bluetooth®
- 13 MP rear camera + 5 MP front camera
- Verizon, AT&, T-Mobile

Tab-Ex 03 DZ1 (DIV 1 and Zone 1/21), latest available Android firmware release, WWAN (LTE) incl. WiFi, with camera, version for Canada



## Technical Data

| Hardware                   |  |
|----------------------------|--|
| Processor                  | Octa-core, 4 x 2.7 GHz + 4 x 1.7 GHz<br>Exynos 9810                                    |
| RAM                        | 4 GB   |
| Camera                     |  |
| Front camera               | 5 MP   |
| Main camera                | 13 MP Autofocus  |
| Video recording resolution | UHD 4K (3840 x 2160 Pixel) @ 30 fps  |
| Internal data memory       | 64 GByte<br>Free available memory 48.6 GByte   |
| Optional data memory       | Expandable to 1 TB with microSD card   |
| Sensors                    | Acceleration sensor, ambient light sensor, gyroscope, geomagnetic sensor, Hall sensor, |
| Speaker                    | yes  |
| Indicators/operating means |  |
| Display                    | Can be operated while wearing gloves   |
| Touchscreen technology     | Capacitive multitouch  |
| Type                       | TFT, LCD   |
| Screen diagonal            | 20.31 cm   |
| 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 18.87 WH, 3.8 V<br>5050 mAh (typical)<br>4900 mAh (rated)                       |
| Operating duration         | up to 11 h   |
| Communication              |  |
| Mobile standard            |  |

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

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|                                  |  |
|----------------------------------|--|
| 3G                               | UMTS: B1, B2, B4, B5, B8   |
| 4G                               | LTE FDD: B2, B3, B4, B5, B7, B8, B12, B13, B14, B20, B25, B26, B29, B66, B71<br>LTE TDD: B41             |
| WLAN                             | 802.11 a/b/g/n/AC/ax 2.4 G+5 GHz, HE80, MIMO, 1024 QAM   |
| Bluetooth                        | Bluetooth® 5.0   |
| GPS sensor                       | GPS, Glonass, Beidou, Galileo  |
| USB                              | USB 3.1 Gen. 1   |
| Connections                      | Wi-Fi Direct, NFC, ANT+  |
| SIM card                         | 1x Nano SIM (4FF)  |
| <b>Software</b>                  |  |
| Operating system                 | Android™ 13  |
| Safety                           | Samsung KNOX 3.x   |
| SMS/MMS                          | yes  |
| <b>Ambient conditions</b>        |  |
| Ambient temperature              | -20 ... 50 °C (-4 ... 122 °F)  |
| <b>Mechanical specifications</b> |  |
| Degree of protection             | IP64 according to EN/IEC 60079-0 (ATEX/IECEX)  |
| Mass                             | 1100 g   |
| Dimensions                       |  |
| W x H x D                        | 161.5 mm x 262.75 mm x 25.75 mm  |
| <b>International approvals</b>   |  |
| IECEX approval                   |  |
| IECEX certificate                | IECEX EPS 22.0014X   |
| IECEX marking                    | Ex db ia IIC T6 Gb<br>Ex ia tb IIIC T80°C Db   |
| ETL approval                     | 5027822  |
| Approved for                     | Class I, Division 1, Groups A, B, C, D, T6<br>Class I, Zone 1, AEx db ia IIC T6 Gb<br>Ex db ia IIC T6 Gb |
| Approved for                     | Canada   |
| Further approvals                | MIL-STD-810H   |
| <b>General information</b>       |  |
| Scope of delivery                | Tab-Ex® 03<br>S Pen<br>USB cable<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).