



Tablet computer

Tab-Ex® 03 DZ1

TAB-EX03-DZ1-WIFINAM-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
- 13 MP rear camera + 5 MP front camera

Tab-Ex 03 DZ1 (DIV 1 and Zone 1/21), latest available Android firmware release, Wi-Fi, with camera, version for Northern America



Technical Data

Hardware

| | |
|----------------------------|---|
| Processor | Octa-core, 4 x 2.7 GHz + 4 x 1.7 GHz Exynos 9810 |
| RAM | 4 GB |
| Camera | |
| Front camera | 5 MP |
| Main camera | 13 MP Autofocus |
| Video recording resolution | UHD 4K (3840 x 2160) @ 30 fps |
| Internal data memory | 64 GByte 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 |
| Touch screen technology | Capacitive multitouch |
| Type | TFT, LCD |
| Screen size | 20.31 cm |
| Aspect ratio | 16:10 |
| Resolution | 1920 x 1200 (WUXGA) |
| Brightness | 480 cd/m ² (nit) |
| Colors | 16 Mio. |

Electrical specifications

| | |
|--------------------|--|
| Battery type | Li-Ion 18.87 WH, 3.8 V 5050 mAh (typical) 4900 mAh (rated) |
| Operating duration | up to 11 h |

Communication

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

Release date: 2025-02-20 Date of issue: 2025-02-20 Filename: 480989-100021_eng.pdf

Technical Data

| Software | |
|----------------------------------|---|
| Operating system | Android™ 13 |
| Safety | Samsung KNOX 3.x |
| Ambient conditions | |
| Ambient temperature | -20 ... 50 °C (-4 ... 122 °F) |
| Mechanical specifications | |
| 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 |
| International approvals | |
| IECEX approval | |
| IECEX certificate | IECEX EPS 22.0014X |
| IECEX marking | Ex db ia IIC T6 Gb Ex ia tb IIIC T80°C Db |
| ETL approval | |
| ETL certificate | 5027822 |
| Approved for | Class I Division 1, Group A, B, C, D, T6 Class II Division 1, Group E, F, G T85C Class III T85C Ex db ia IIC T6 Gb Class I, Zone 1, AEx db ia IIC T6 Gb Zone 21, Group IIIC T85C |
| Approved for | Northern America |
| Further approvals | MIL-STD-810H |
| General information | |
| Scope of delivery | Tab-Ex® 03 S Pen Torx T8 USB cable Charger Documentation |

Accessories

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