



Tablet computer

Tab-Ex® 03 D2

TAB-EX03-D2--WWANNAM-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
- Micro SD slot (up to 1 TB)
- Replaceable battery
- Replaceable SIM
- Wireless connections such as WWAN, 4G LTE, WLAN and Bluetooth®
- 13 MP rear camera + 5 MP front camera
- No battery mode
- Verizon, AT&, T-Mobile

Tab-Ex 03 D02 (DIV 2), latest available Android firmware release, WWAN (LTE) incl. 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 |
| Scanner | Fingerprint scanner |
| Internal data memory | 64 GByte Free available memory 48.6 GByte |
| Optional data memory | Expandable to 1 TB with microSD card |
| Sensors | Fingerprint scanner, acceleration sensor, gyroscope, proximity sensor, geomagnetic sensor, Hall sensor, RGB light sensor |

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) (replaceable) |
|--------------|---|

Release date: 2025-02-20 Date of issue: 2025-02-20 Filename: 70134561_eng.pdf

Technical Data

| | |
|----------------------------------|---|
| Operating duration | up to 11 h |
| Communication | |
| Mobile standard | |
| 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 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) |
| Software | |
| Operating system | Android™ 13 |
| Safety | Samsung KNOX 3.x |
| SMS/MMS | yes |
| Ambient conditions | |
| Ambient temperature | -20 ... 55 °C (-4 ... 131 °F) |
| Mechanical specifications | |
| Degree of protection | IP68 |
| Mass | 550 g |
| Dimensions | |
| W x H x D | 126.8 mm x 213.8 mm x 9.9 mm |
| International approvals | |
| SGS approval | |
| SGS certificate | SGSNA/21/SUW00045X |
| Approved for | Class I, Division 2 Groups A, B, C, D T5 Class II, Division 2 Groups F, G T100°C Class III Class I, Zone 2 Group IIC T5 Zone 22 Group IIIB T100°C |
| Approved for | Northern America |
| Further approvals | MIL-STD-810H |
| General information | |
| Note | * IP68 is based on test conditions for submersion in up to 1.5 meters of freshwater for up to 30 minutes. |
| Scope of delivery | Tab-Ex® 03 Battery Ex-protective cover S Pen USB cable Charger Documentation |

Accessories

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