



Tablet computer

Tab-Ex® 05 D2

TAB-EX05-D2--WWANCAN-CN1000-..

- Android™ 14
- Portable rugged tablet with brilliant 8" display
- Comprehensive security thanks to Samsung KNOX
- Suitable for use with gloves
- Google ARCore
- NFC technology for wireless applications
- Micro SD slot (up to 1 TB)
- Replaceable battery
- 13 MP rear camera + 5 MP front camera
- Fast data transfer via 5G connectivity
- Robust and protected against falls according to IP68 and MIL-STD-810H
- Function button for quick access

Tab-Ex 05 D2 (DIV 2), Android, WWAN (LTE) incl. Wi-Fi, with camera, version for Canada



Technical Data

| Hardware | |
|----------------------------|---|
| Processor | Exynos 1380 (S5E8835) Octa-Core 4 x 2.4 GHz + 4 x 2.0 GHz 64 Bit, 5 nm |
| RAM | 6 GB LPDDR4X |
| Camera | |
| Front camera | 5 MP 1/5.0" sensor, F2.2 aperture |
| Main camera | 13 MP 1/3.0" sensor, F1.9 aperture, autofocus, 8x digital zoom |
| Video recording resolution | UHD 4K (3840 x 2160) @ 30 fps |
| Internal data memory | 128 GB UFS |
| Optional data memory | microSD (up to 1 TB) |
| Sensors | Accelerometer, Gyro Sensor, Geomagnetic Sensor, Hall Sensor, RGB Light Sensor, Proximity Sensor |
| Indicators/operating means | |
| Display | |
| Refresh rate | Standard (60 Hz) / Adaptive (up to 120 Hz) |
| Touch screen technology | Capacitive |
| Panel type | TFT |
| Screen size | 20.31 cm / 8 inch |
| Aspect ratio | 16:10 |
| Screen resolution | 1920 x 1200 (WUXGA) |
| Pixel density | 283 ppi |
| Brightness | max. 600 cd/m ² (nits) |
| Colors | 16 Mio. |
| Screen protection | Corning® Gorilla® Glass 5 |
| Special Features | Can be operated while wearing gloves Dark Mode, Adaptive Brightness, Eye Comfort, Screen Saver, Screen Zoom, Multi-Touch |
| Key | Function button, Active button |
| Electrical specifications | |

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Technical Data

| | |
|----------------------------------|---|
| Battery type | Li-ion 3.8 V 5050 mAh 18.87 Wh (typically) |
| Operating duration | up to 14 h |
| Interface | |
| I/O ports | USB 2.0 (Type-C) 3.5 mm jack connection POGO Pin |
| Communication | |
| Mobile standard | |
| 4G | 1 / 2 / 3 / 4 / 5 / 7 / 8 / 12 / 13 / 14 / 20 / 25 / 26 / 28 / 29 / 30 / 40 / 41 / 48 / 66 / 71 |
| 5G | n2 / n5 / n12 / n25 / n30 / n41 / n48 / n66 / n71 / n77 / n78 |
| WLAN | WLAN 802.11 a/b/g (2.4 GHz), WiFi 4, 5, 6 (2.4 GHz + 5 GHz), HE80, MIMO, 1024 QAM, WiFi Direct, Mobile Hotspot, Hotspot 2.0, Auto Hotspot |
| Bluetooth | Bluetooth® 5.3 |
| GPS sensor | GPS, Glonass, Beidou, Galileo |
| NFC | yes |
| Connections | Wireless DeX |
| SIM card | Nano (4FF) / eSIM (optional) |
| Software | |
| Operating system | Android™ 15 Android™ Enterprise Recommended verified device Google ARCore ready |
| Cybersecurity | |
| IT security | |
| Biometrics | Facial recognition Fingerprint sensor |
| Updates | Security updates until 2032 Operating system upgrades up to Android™ 22 |
| Mobile device protection | Samsung KNOX 3.10 |
| Ambient conditions | |
| Ambient temperature | -20 ... 50 °C (-4 ... 122 °F) |
| Mechanical specifications | |
| Degree of protection | IP68 according to EN/IEC 60529 MIL-STD-810H |
| Mass | 530 g |
| Dimensions | |
| W x H x D | 130.2 mm x 228 mm x 14 mm |
| International approvals | |
| SGS approval | |
| SGS certificate | SGSNA/25/SUW/00031X |
| Approved for | Class I and II, Division 2, Class III, Division 1 & 2, Groups A-D, F, and G, T5 20°C = Ta = 50°C Zone 2 Group IIC T5 Zone 22 Group IIIB T100°C |
| Approved for | Canada |
| General information | |
| Scope of delivery | Tab-Ex® 05 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.