



Tablet computer

Tab-Ex® 05 DZ1

TAB-EX05-DZ1-WIFIEUR-CN1000-..

- Android™ 14
- Portable rugged tablet with brilliant 8" display
- Comprehensive security thanks to Samsung KNOX
- Suitable for use with gloves
- Google ARCore
- 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 DZ1 (DIV 1 and Zone 1/21), Android, Wi-Fi, with camera, version for Europa



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 |
| Speaker | yes |
| 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 3 |
| 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 | |
| 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) |

Release date: 2025-06-30 Date of issue: 2025-06-30 Filename: 480996-100000_eng.pdf

Technical Data

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| Communication | | |
| 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 |
| Software | | |
| Operating system | | Android™ 15 Android™ Enterprise Recommended verified device Google ARCore ready |
| Cybersecurity | | |
| IT security | | |
| Biometrics | | Facial recognition |
| Updates | | Security updates until 2032 Operating system upgrades up to Android™ 22 |
| Mobile device protection | | Samsung KNOX 3.10 |
| Ambient conditions | | |
| Ambient temperature | | -20 ... 55 °C (-4 ... 131 °F) |
| Mechanical specifications | | |
| Degree of protection | | IP68 according to EN/IEC 60529 MIL-STD-810H |
| Mass | | approx. 1122 g |
| Dimensions | | |
| W x H x D | | 161.5 mm x 262.75 mm x 25.75 mm |
| Data for application in connection with hazardous areas | | |
| ATEX approval | | |
| ATEX certificate | | EPS 24 ATEX 1 288 X |
| ATEX marking | | Ⓜ II 2G Ex db ia IIC T6 Gb Ⓜ II 2D Ex tb ia IIIC T80°C Db |
| International approvals | | |
| IECEX approval | | |
| IECEX certificate | | IECEX EPS 24.0082X |
| IECEX marking | | Ex db ia IIC T6 Gb Ex ia tb IIIC T80°C Db |
| Approved for | | Europe |
| General information | | |
| Scope of delivery | | Tab-Ex® 05 Torx T8 S Pen USB cable Charger Documentation Optional: Micro SD flash card Viator Bluetooth HART Interface |

Accessories

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