Tablet computer

Tab-Ex® 05 DZ1

TAB-EX05-DZ1-WIFIAIN-CN1000-..

- Android™ 15 operating system
- 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

Wi-Fi, with camera, for Europe and Northern America

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: 2026-09-15 Date of issue: 2026-09-15 Filename: 480996-100011_eng.pdf

Technical Data

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	
Height	26 mm
Width	162 mm
Length	263 mm
Data for application in connection with hazardous areas	
ATEX approval	
ATEX certificate	EPS 24 ATEX 1 288 X
ATEX marking	Ⓔx II 2G Ex db ia IIC T6 Gb Ⓔx II 2D Ex tb ia IIIC T80°C Db
International approvals	
SGS approval	
SGS certificate	SGSNA/25/CA/00003X
SGS marking	Class I Division 1, Group A, B, C, D, T6 Class II Division 1, Group E, F, G T80C Class III T80C Ex db ia IIC T6 Gb Class I, Zone 1, AEx db ia IIC T6 Gb Zone 21, Group IIIC T80C Ambient Temperature: -20°C = Ta = +55°C
IECEx approval	
IECEx certificate	IECEx EPS 24.0082X
IECEx marking	Ex db ia IIC T6 Gb Ex tb ia IIIC T80°C Db
Approved for	Europe, USA , Peru, Morocco, Colombia, Ecuador
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.

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