Tablet computer

Tab-Ex® 05 DZ2

TAB-EX05-DZ2-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		

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Technical Data

I/O ports	USB 2.0 (Type-C) 3.5 mm headphone jack for use in hazardous locations POGO Pin
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	595 g
Dimensions	
Height	15 mm
Width	132 mm
Length	229 mm
Data for application in connection with hazardous areas	
ATEX approval	
ATEX certificate	EPS 24 ATEX 1 257 X
ATEX marking	Ex II 3G Ex ic IIC T5 Gc Ex II 3D Ex ic IIIC T85°C Dc
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
IECEx approval	
IECEx certificate	IECEx EPS 24.0090X
IECEx marking	Ex ic IIC T5 Gc Ex ic IIIC T85°C Dc
Approved for	Europe, USA, French Guiana, Azores, Bangladesh, Australia, New Zealand, Oman, Kuwait , Peru, Egypt, Colombia, Ecuador
General information	
Scope of delivery	Tab-Ex® 05 Battery Ex-protective cover S Pen USB cable Charger Documentation **Optional:** Micro SD flash card Viator Bluetooth HART Interface

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Accessories

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

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