



Tablet computer

Tab-Ex® 03 DZ2

TAB-EX03-DZ2-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 SIM
- Wireless connections such as WWAN, 4G LTE, WLAN and Bluetooth®
- 13 MP rear camera + 5 MP front camera
- Verizon, AT&, T-Mobile

Tab-Ex 03 DZ2 (DIV 2 and Zone 2/22), latest available Android firmware release, WWAN (LTE) incl. WiFi, 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 Pixel) @ 30 fps
Internal data memory	64 GByte Free available memory 48.6 GByte
Optional data memory	Expandable to 1 TB with microSD card
Sensors	Acceleration sensor, gyroscope, proximity sensor, geomagnetic sensor, Hall sensor, RGB light sensor
Speaker	yes
Indicators/operating means	
Display	Can be operated while wearing gloves
Touchscreen technology	Capacitive multitouch
Type	TFT, LCD
Screen diagonal	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)
Operating duration	up to 11 h
Communication	

Release date: 2024-04-29 Date of issue: 2024-04-29 Filename: 480988-100031_eng.pdf

Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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Technical Data

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		IP64 according to EN/IEC 60079-0 (ATEX/IECEX) IP68* according to EN/IEC 60529 (industrial standard) and MIL-STD-810H
Mass		610 g
Dimensions		
W x H x D		126.8 mm x 213.8 mm x 9.9 mm
Data for application in connection with hazardous areas		
ATEX approval		
Certificate of conformity		EPS 21 ATEX 1 093 X
ATEX marking		Ⓜ II 3G Ex ic IIC T5 Gc IP64 Ⓜ II 3D Ex ic IIIC T85°C Dc
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
IECEX approval		
IECEX certificate		IECEX EPS 21.0033X
IECEX marking		Ex ic IIC T5 Gc IP64 Ex ic IIIC T85°C Dc
Approved for		Northern America
Further approvals		MIL-STD-810H
General information		
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.