



Tablet computer

Tab-Ex® 03 DZ2

TAB-EX03-DZ2-WWANANZ-CS-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®
- Micro SD slot, 512 GB
- 13 MP rear camera + 5 MP front camera

Tab-Ex 03 DZ2 (DIV 2 and Zone 2/22), latest available Android firmware release, WWAN (LTE) incl. Wi-Fi, with camera, with microSD card, version for Australia and New Zealand



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) @ 30 fps
Internal data memory	64 GByte Free available memory 48.6 GByte
Optional data memory	microSD (up to 1024 GB) 512 GB installed
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
Touch screen technology	Capacitive multitouch
Type	TFT, LCD
Screen size	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: 2025-02-21 Date of issue: 2025-02-21 Filename: 480988-100004_eng.pdf

Technical Data

Mobile standard	
2G	GSM 850 MHz, GSM 900 MHz, DCS 1800 MHz, PCS 1900 MHz
3G	UMTS band: B1 (2100), B2 (1900), B4 (AWS), B5 (850), B8 (900)
4G	LTE FDD: B1 (2100), B2 (1900), B3 (1800), B4 (AWS), B5 (850), B7 (2600), B8 (900), B12 (700), B13 (700), B17 (700), B20 (800), B28 (700), B66 (AWS-3) TDD LTE: B38 (2600), B40 (2300), B41 (2500)
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	
IECEX approval	
IECEX certificate	IECEX EPS 21.0033X
IECEX marking	Ex ic IIC T5 Gc IP64 Ex ic IIIC T85°C Dc
Approved for	Australia, New Zealand
Further approvals	MIL-STD-810H
General information	
Scope of delivery	Tab-Ex® 03 Battery Ex-protective cover S Pen USB cable Charger Documentation Micro SD flash card

Accessories

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