



Tablet computer

Tab-Ex® 03 DZ2

TAB-EX03-DZ2-WWANBHR-
NN-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®

Tab-Ex 03 DZ2 (DIV 2 and Zone 2/22), latest available Android firmware release, WWAN (LTE) incl. WiFi, no camera, version for Bahrain



Technical Data

Hardware

Processor	Octa-core, 4 x 2.7 GHz + 4 x 1.7 GHz Exynos 9810
RAM	4 GB
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

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

Release date: 2024-04-29 Date of issue: 2024-04-29 Filename: 480988-100054_eng.pdf

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

Pepperl+Fuchs Group
www.pepperl-fuchs.com

USA: +1 330 486 0002
pa-info@us.pepperl-fuchs.com

Germany: +49 621 776 2222
pa-info@de.pepperl-fuchs.com

Singapore: +65 6779 9091
pa-info@sg.pepperl-fuchs.com



Technical Data

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	Bahrain
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.