



Tablet computer

Tab-Ex® 03 DZ1

TAB-EX03-DZ1-*

- 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
- Wireless connections such as WWAN, 4G LTE, WLAN and Bluetooth®
- Replaceable SIM
- Micro SD slot, 512 GB
- 13 MP rear camera + 5 MP front camera

Rugged Android™ tablet for use in hazardous areas



Technical Data

Hardware

Processor	Octa-core, 4 x 2.7 GHz + 4 x 1.7 GHz Exynos 9810
RAM	4 GB
Camera	Optional:
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	Optional: microSD (up to 1024 GB) 512 GB installed
Sensors	Acceleration sensor, ambient light sensor, gyroscope, geomagnetic sensor, Hall 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	Optional:
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Release date: 2024-07-31 Date of issue: 2024-07-31 Filename: t218605_eng.pdf

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

Technical Data

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) (optional)
Software	
Operating system	Android™ 13
Safety	Samsung KNOX 3.x
Ambient conditions	
Ambient temperature	-20 ... 55 °C (-4 ... 131 °F)
Mechanical specifications	
Degree of protection	IP64 according to EN/IEC 60079-0 (ATEX/IECEX)
Mass	1100 g
Dimensions	
W x H x D	161.5 mm x 262.75 mm x 25.75 mm
Data for application in connection with hazardous areas	
ATEX approval	
ATEX certificate	EPS 22 ATEX 1 055 X
ATEX marking	Ⓜ II 2G Ex db ia IIC T6 Gb IP64 Ⓜ II 2D Ex tb ia IIIC T80°C Db
International approvals	
IECEX approval	
IECEX certificate	IECEX EPS 22.0014X
IECEX marking	Ex db ia IIC T6 Gb Ex ia tb IIIC T80°C Db
UKCA approval	
UKCA certificate	EPS 22 UKEX 1 055 X
ETL approval	
Approved for	5027822 Class I, Division 1, Groups A, B, C, D, T6 Class I, Zone 1, AEx db ia IIC T6 Gb Ex db ia IIC T6 Gb
IA approval	
IA certificate	MASC S/23-8420 X
Further approvals	
	MIL-STD-810H
General information	
Scope of delivery	Tab-Ex® 03 S Pen USB cable Charger Documentation Micro SD flash card (optional)

Accessories

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