



Tablet computer

Tab-Ex® 03 DZ2

TAB-EX03-DZ2-*



- 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

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, 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: 2024-04-25 Date of issue: 2024-04-25 Filename: t206825_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

 **PEPPERL+FUCHS**

Technical Data

Mobile standard		Optional:
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™ 12
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) 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
INMETRO approval		
INMETRO certificate		TÜV 22.0081 X
INMETRO marking		Ex ic IIC T5 Gc Ex ic IIIC T85°C Dc
EAC approval		
EAC certificate		RU C-DE.AA87.B00128/19
EAC marking		2Ex ic IIC T5 Gc X Ex ic IIIB T100 °C Dc X
KCC approval		
KCC certificate		22-KA4BO-0263X 22-KA4BO-0264X
KCC marking		Ex ic IIC T5 Gc Ex ic IIIC T85°C Dc
IA approval		MASC S/22-8040X
Further approvals		MIL-STD-810H
General information		
Note		* IP68 is based on test conditions for submersion in up to 1.5 meters of freshwater for up to 30 minutes.

Release date: 2024-04-25 Date of issue: 2024-04-25 Filename: t206825_eng.pdf

Technical Data

Scope of delivery	Tab-Ex® 03 Battery Ex-protective cover S Pen USB cable Charger Documentation Optional: Micro SD flash card Viator Bluetooth HART Interface
-------------------	--

Accessories

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

Release date: 2024-04-25 Date of issue: 2024-04-25 Filename: t206825_eng.pdf