



Tablet computer

TAB-EX03-Z2--WWANEUR-CN-000-..

- Replaceable SIM
- Wireless connections such as WWAN, 4G LTE, WLAN, etc.
- Camera (front and main/optional)
- Comprehensive security thanks to Samsung KNOX
- Latest available Android™ version for this device
- Accessories and peripheral devices allow a wider range of applications
- Suitable for use with gloves
- NFC technology for wireless applications
- GPS
- Google ARCore
- Enhanced NFC
- Samsung DeX Mode
- Non-Camera version possible
- MIL-STD-810H
- 4 GB RAM
- 64 GB internal memory
- Micro SD slot (up to 1 TB)
- 13 MP rear camera + 5 MP front camera
- Active button

Tab-Ex 03 DZ2 (Zone 2/22), latest available Android firmware release, WWAN (LTE) incl. WiFi, with camera, with microSD card, version for Europe



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
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






Release date: 2021-11-11 Date of issue: 2021-11-11 Filename: 70144929_eng.pdf

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

Technical Data

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
Bluetooth	Bluetooth® 5.0
GPS sensor	GPS, Glonass, Beidou, Galileo
USB	USB 3.1 Gen. 1
Connections	Wi-Fi Direct, NFC, ANT+
SIM card	1 x Nano SIM (4FF)
Software	
Operating system	Android™ 11
Languages	Deutsch , English (default)
Safety	Samsung KNOX 3.x
SMS/MMS	yes
Ambient conditions	
Ambient temperature	-20 ... 55 °C (-4 ... 131 °F)
Mechanical specifications	
Degree of protection	IP64
Mass	610 g
Dimensions	H x W 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	PF21CERT6297X
ATEX marking	Ⓜ II 3G Ex ic IIC T5 Gc Ⓜ II 3D Ex ic IIIB T85°C Dc
International approvals	
Approved for	Europe
General information	
Scope of delivery	Tab-Ex® 03 Battery Ex-protective cover S Pen USB cable Charger Documentation

Accessories

	HM-MT-BT-EX-010041	Interface for wireless communication between PC host and HART field devices
	ST T03 X2 SAMSUNG S PEN	Stylus for Tab-Ex® 03
	S PEN TIPS+TWEEZERS T03	Tip ends and tip removal tweezers for ST T03 X2
	PSPA1C1GE	USB-C to Ethernet Adapter
	PC TPRO USB-CABLE TAB-EX PRO	USB connection cable

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 **PEPPERL+FUCHS**

Accessories

	microSD-Card 512GB Tab-Ex Pro	256 GB microSD card for Tab-Ex Pro
	MA TPRO X2 MULTIPORT-ADAPTER	Multiport-Adapter
	Tether ST 01 Stylus	Stylus tether
	TC S02 Travel Charger	Travel charger

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