



Tablet computer



TAB-EX03-DZ1-WWANEUR-CS-000-..

- Replaceable SIM
- Global certificates - a common platform
- Wireless connections such as WWAN, 4G LTE, WLAN and Bluetooth®
- 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
- MIL-STD-810H
- 4 GB RAM
- 64 GB internal memory
- Micro SD slot (up to 1 TB)
- Micro SD slot, 512 GB
- 13 MP rear camera + 5 MP front camera
- Active button

Tab-Ex 03 DZ1 (Zone 1/21), 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
Optional data memory	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.

Release date: 2023-04-05 Date of issue: 2023-04-05 Filename: 480989-100003_eng.pdf

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

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Technical Data

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
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™ 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)
Mass	1100 g
Dimensions	H x W x D 262.75 mm x 161.5 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 Ⓜ II 2D ia tb 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
Approved for	Europe
General information	
Scope of delivery	Tab-Ex® 03 S Pen USB cable Charger Documentation Micro SD flash card

Matching System Components

	RSM-EX01B... Z0EUR-1BBL...ST	RSM-Ex 01, Bluetooth, Zone 0/21, version for Europe
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Accessories

	LC T03 X1	Leather case for Tab-Ex® 03 DZ1
	4-WAY-DESKTOP-CHARGING-STATION	4-way desktop charging dock for Tab-Ex 03 DZ1
	TABLE STAND	Table stand for Tab-Ex 03 DZ1
	PASSIVE HOLDER W TILT SWIVEL	Universal tablet holder for Tab-Ex 03 DZ1
	STANDARD DUTY PEDESTAL MOUNT	Standard duty pedestal mount for Tab-Ex 03 DZ1
	STANDARD DUTY PEDESTAL MOUNT W SUCTION CUP	Standard duty pedestal mount and suction cup for Tab-Ex 03 DZ1
	CH T03 X1	Chest harness for Tab-Ex 03 DZ1
	BC T01	Belt clip with carabiner for universal use
	Carrying Strap (cushioned)	Carrying strap (padded) for leather bags
	microSD-Card 512GB Tab-Ex Pro	256 GB microSD card for Tab-Ex Pro and Tab-Ex 03
	PC TPRO USB-CABLE TAB-EX PRO	USB connection cable for Tab-Ex Pro and Tab-Ex 03
	TC S02 Travel Charger (EU/UK/US/AU)	Travel charger for universal use
	S PEN TIPS+TWEEZERS T03	Tip ends and tip removal tweezers for ST T03 X2
	Tether ST 01 Stylus	Tether for stylus pen
	CC S01-R	Car charger with USB-A socket for universal use
	PSPA1C1GE-R	USB-C to Ethernet Adapter
	SAMSUNG Multiport Adapter EE-P5400	USB-C Multiport Adapter
	TC S02C Travel Charger (EU/UK/US/AU/CN)	Travel charger for universal use
	ST T03 X2 Samsung S Pen	Stylus pen for Tab-Ex 03
	TORX T8 SCREWDRIVER	Torx screwdriver for Smart-Ex 02, Ex-Handy 10 and Tab-Ex 03 DZ1

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