



Tablet computer

TAB-EX03-DZ1-WIFIEUR-CS-000-HM

- Global certificates - a common platform
- 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
- DevComDroid Smart Device Communicator App
- Complete kit is pre-installed for customer
- Out of box experienced (OOBE)
- Viator® BT Bluetooth® HART Modem
- Complete HART DD Library
- Active button

Tab-Ex 03 DZ1 (DIV 1 and Zone 1/21), latest available Android firmware release, Wi-Fi, with camera, with microSD card, incl. HART modem, 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)

Release date: 2024-05-16 Date of issue: 2024-05-16 Filename: 480989-100014_eng.pdf

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

Technical Data

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	
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+
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)
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 Viator Bluetooth HART Interface

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