



Tablet computer

Tab-Ex® 03 DZ1

TAB-EX03-DZ1-WWANEUR-CN-NEC-..



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

Tab-Ex 03 DZ1 (DIV 1 and Zone 1/21), latest available Android firmware release, WWAN (LTE) incl. Wi-Fi, with camera, with NEC approval, version for Europe, USA and Bolivia



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) @ 30 fps
Internal data memory	64 GByte Free available memory 48.6 GByte
Optional data memory	Expandable to 1 TB with microSD card
Sensors	Acceleration sensor, ambient light sensor, gyroscope, geomagnetic sensor, hall sensor
Speaker	yes
Indicators/operating means	
Display	Can be operated while wearing gloves
Touch screen technology	Capacitive multitouch
Type	TFT, LCD
Screen size	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	
2G	GSM 850 MHz, GSM 900 MHz, DCS 1800 MHz, PCS 1900 MHz

Release date: 2025-02-20 Date of issue: 2025-02-20 Filename: 480989-100032_eng.pdf

Technical Data

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)
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	
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
UKCA marking	Ⓜ II 2G Ex db ia IIC T6 Gb IP64 Ⓜ II 2D Ex tb ia IIIC T80°C Db
ETL approval	
ETL certificate	5027822
Approved for	Class I Division 1, Group A, B, C, D, T6 Class II Division 1, Group E, F, G T85C Class III T85C Ex db ia IIC T6 Gb Class I, Zone 1, AEx db ia IIC T6 Gb Zone 21, Group IIIC T85C
Approved for	Europe, USA, Bolivia
Further approvals	MIL-STD-810H
General information	
Scope of delivery	Tab-Ex® 03 S Pen Torx T8 USB cable Charger Documentation

Accessories

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