



## Tablet computer

### Tab-Ex® 03 DZ1

TAB-EX03-DZ1-WWANNAM-CS-000-..



- 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®
- Micro SD slot, 512 GB
- 13 MP rear camera + 5 MP front camera
- Verizon, AT&, T-Mobile

Tab-Ex 03 DZ1 (DIV 1 and Zone 1/21), latest available Android firmware release, WWAN (LTE) incl. Wi-Fi, with camera, with microSD card, version for Northern America



## 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	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
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 <sup>2</sup> (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: 2025-02-20 Date of issue: 2025-02-20 Filename: 480989-100024\_eng.pdf

## Technical Data

Mobile standard		
3G		UMTS: B1, B2, B4, B5, B8
4G		LTE FDD: B2, B3, B4, B5, B7, B8, B12, B13, B14, B20, B25, B26, B29, B66, B71 LTE TDD: B41
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)
<b>Software</b>		
Operating system		Android™ 13
Safety		Samsung KNOX 3.x
SMS/MMS		yes
<b>Ambient conditions</b>		
Ambient temperature		-20 ... 50 °C (-4 ... 122 °F)
<b>Mechanical specifications</b>		
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
<b>International approvals</b>		
IECEX approval		
IECEX certificate		IECEX EPS 22.0014X
IECEX marking		Ex db ia IIC T6 Gb Ex ia tb 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		Northern America
Further approvals		MIL-STD-810H
<b>General information</b>		
Scope of delivery		Tab-Ex® 03 S Pen Torx T8 USB cable Charger Documentation Micro SD flash card

## Accessories

Accessories for this product can be found on the internet at [www.pepperl-fuchs.com](http://www.pepperl-fuchs.com).