



## Tablet computer



### TAB-EX03-D2--WWANNAM-CN-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
- Replaceable battery
- 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
- No battery mode
- Verizon, AT&, T-Mobile

Tab-Ex 03 D02 (DIV 2), latest available Android firmware release, WWAN (LTE) incl. WiFi, with camera, 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 Pixel) @ 30 fps
Scanner	Fingerprint scanner
Internal data memory	64 GByte Free available memory 48.6 GByte
Sensors	Fingerprint scanner, acceleration sensor, gyroscope, proximity sensor, geomagnetic sensor, Hall sensor, RGB light sensor
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 <sup>2</sup> (nit)

Release date: 2022-10-04 Date of issue: 2022-10-05 Filename: 70134561\_eng.pdf

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

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## Technical Data

Colors	16 Mio.
<b>Electrical specifications</b>	
Battery type	Li-Ion 18.87 WH, 3.8 V 5050 mAh (typical) 4900 mAh (rated) (replaceable)
Operating duration	up to 11 h
<b>Communication</b>	
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	1 x Nano SIM (4FF)
<b>Software</b>	
Operating system	Android™ 11
Safety	Samsung KNOX 3.x
SMS/MMS	yes
<b>Ambient conditions</b>	
Ambient temperature	-20 ... 55 °C (-4 ... 131 °F)
<b>Mechanical specifications</b>	
Degree of protection	IP68
Mass	550 g
Dimensions	H x W x D 126.8 mm x 213.8 mm x 9.9 mm
<b>International approvals</b>	
SGS approval	
SGS certificate	SGSNA/21/SUW00045X
Approved for	Class I, Division 2 Groups A, B, C, D T5 Class II, Division 2 Groups F, G T100°C Class III Class I, Zone 2 Group IIC T5 Zone 22 Group IIIB T100°C
Approved for	Northern America
Further approvals	MIL-STD-810H
<b>General information</b>	
Note	* IP68 is based on test conditions for submersion in up to 1.5 meters of freshwater for up to 30 minutes.
Scope of delivery	Tab-Ex® 03 Battery Ex-protective cover S Pen USB cable Charger Documentation

## Accessories













	<b>HM-MT-BT-EX-010041</b>	Interface for wireless communication between PC host and HART field devices
	<b>VH_T02_X2_DUALUSBB-ARWIRENON-EX</b>	Vehicle mount
	<b>VH_T02_X2_DUALUSBC-IGCON-NON-EX</b>	Vehicle mount

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## Accessories

	<b>PSPA1C1GE</b>	USB-C to Ethernet Adapter
	<b>PC TPRO USB-CABLE TAB-EX PRO</b>	USB connection cable
	<b>microSD-Card 512GB Tab-Ex Pro</b>	256 GB microSD card for Tab-Ex Pro
	<b>Tether ST 01 Stylus</b>	Stylus tether
	<b>VH T02 / T01 LITECRADLE NON-EX</b>	Vehicle mount
	<b>DC T01 X2 (EU / UK / AUS / NZ)</b>	Desktop charging station, 5-slot, for Tab-Ex® 01 D2, Z2, DZ2 and Tab-Ex® 02 DZ2
	<b>DC T01 X2 (US)</b>	Desktop charging station, 5-slot, for Tab-Ex® 01 D2, Z2, DZ2 and Tab-Ex® 02 DZ2
	<b>BC T01</b>	Belt loop with carabiner
	<b>Carrying Strap (cushioned)</b>	Carrying strap (padded) for leather bags
	<b>TC S02 Travel Charger (EU/UK/US/AU)</b>	Travel charger
	<b>LC T03 X2</b>	Leather case for Tab-Ex® 03 DZ2
	<b>HA T03 X2R</b>	Rotatable hand strap for Tab-Ex® 03 DZ2
	<b>CH T03 X2</b>	Chest harness for Tab-Ex® 03 DZ2