



Tablet computer



TAB-EX03-D2--WIFINAM-CN-000-..

- 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
- 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, 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 ² (nit)
Colors	16 Mio.
Electrical specifications	

Release date: 2022-10-04 Date of issue: 2022-10-05 Filename: 70134559_eng.pdf

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

Pepperl+Fuchs Group
www.pepperl-fuchs.com

USA: +1 330 486 0002
pa-info@us.pepperl-fuchs.com

Germany: +49 621 776 2222
pa-info@de.pepperl-fuchs.com







Singapore: +65 6779 9091
pa-info@sg.pepperl-fuchs.com

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Technical Data

Battery type	Li-Ion 18.87 WH, 3.8 V 5050 mAh (typical) 4900 mAh (rated) (replaceable)
Operating duration	up to 11 h
Communication	
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™ 11
Safety	Samsung KNOX 3.x
Ambient conditions	
Ambient temperature	-20 ... 55 °C (-4 ... 131 °F)
Mechanical specifications	
Degree of protection	IP68
Mass	550 g
Dimensions	H x W x D 126.8 mm x 213.8 mm x 9.9 mm
International approvals	
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
General information	
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

	HM-MT-BT-EX-010041	Interface for wireless communication between PC host and HART field devices
	VH_T02_X2_DUALUSBB-ARWIRENON-EX	Vehicle mount
	VH_T02_X2_DUALUSBC-IGCON-NON-EX	Vehicle mount
	PSPA1C1GE	USB-C to Ethernet Adapter
	PC TPRO USB-CABLE TAB-EX PRO	USB connection cable
	microSD-Card 512GB Tab-Ex Pro	256 GB microSD card for Tab-Ex Pro

Accessories

	Tether ST 01 Stylus	Stylus tether
	VH T02 / T01 LITECRADLE NON-EX	Vehicle mount
	DC T01 X2 (EU / UK / AUS / NZ)	Desktop charging station, 5-slot, for Tab-Ex® 01 D2, Z2, DZ2 and Tab-Ex® 02 DZ2
	DC T01 X2 (US)	Desktop charging station, 5-slot, for Tab-Ex® 01 D2, Z2, DZ2 and Tab-Ex® 02 DZ2
	BC T01	Belt loop with carabiner
	Carrying Strap (cushioned)	Carrying strap (padded) for leather bags
	TC S02 Travel Charger (EU/UK/US/AU)	Travel charger
	LC T03 X2	Leather case for Tab-Ex® 03 DZ2
	HA T03 X2R	Rotatable hand strap for Tab-Ex® 03 DZ2
	CH T03 X2	Chest harness for Tab-Ex® 03 DZ2