

Tablet computer

TAB-EXPRODZ2-WWANZAF-CS00..



- First 10.1" (25.54 cm) Android™ tablet for hazardous areas
- Replaceable SIM
- Wireless connections such as WWAN, 4G LTE, WLAN and Bluetooth®
- Comprehensive security thanks to Samsung KNOX
- Accessories and peripheral devices allow a wider range of applications
- Suitable for use with gloves
- NFC technology for wireless applications
- GPS
- Replaceable battery
- Memory expansion up to 512 GB possible
- Global certificates - a common platform
- Latest available Android™ version for this device
- 13 MP rear camera + 8 MP front camera
- Non-Camera version possible
- MIL-STD-810H

Tab-Ex Pro DZ2 (DIV 2 & Zone 2/22), latest available Android firmware release, WWAN (LTE) incl. WiFi, with camera, with microSD card, version for South Africa



Technical Data

Hardware	
Processor	Octa-Core, 2x 2 GHz + 6x 1,7 GHz Qualcom SDM670
Working memory	RAM 4 GByte
Camera	
Front camera	8 MP
Main camera	13 MP Autofocus
Video recording resolution	UHD 4K (3840 x 2160 Pixel) @ 30 fps
Optional data memory	Micro SD flash card up to 512 GByte
Internal data memory	64 GByte
Sensors	Accelerometer, barometer, fingerprint sensor, position sensor, compass, hall sensor, ambient light sensor, proximity sensor
Indicators/operating means	
Display	Can be operated while wearing gloves
Touchscreen technology	Capacitive multitouch
Type	TFT, LCD
Screen diagonal	25.54 cm (10 ")
Aspect ratio	16:10
Resolution	1920 x 1200 (WUXGA)
Brightness	480 cd/m ² (nit)
Colors	16 Mio.
Electrical specifications	
Battery type	Li-Ion battery 28.12 WH 3.8 V 7400 mAh
Operating duration	up to 15 h
Communication	
Mobile standard	
2G	GSM: 850 / 900 / 1800 / 1900 MHz
3G	UMTS: B1, B2, B4, B5, B8





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




















Technical Data

4G	LTE FDD: B1, B2, B3, B4, B5, B7, B8, B12, B13, B17, B20, B28, B66 LTE TDD: B38, B40, B41
WLAN	802.11 a/b/g/n/ac (2,4 GHz + 5 GHz), VHT80
Bluetooth	Bluetooth® 5.0 (LE bis zu 2 MBit/s)
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)
Software	
Operating system	Android™ 11
Languages	Deutsch , English (default)
Safety	Samsung KNOX 3.2
SMS/MMS	yes
Ambient conditions	
Ambient temperature	-20 ... 55 °C (-4 ... 131 °F)
Mechanical specifications	
Degree of protection	IP64
Mass	930 g
Dimensions	H x W x D 170.2 mm x 243.5 mm x 9.9 mm
Data for application in connection with hazardous areas	
ATEX approval	
Certificate of conformity	EPS 20 ATEX 1 131 X
ATEX marking	Ⓜ II 3G Ex ic IIC T5 Gc Ⓜ II 3D Ex ic IIIB T80°C Dc
International approvals	
SGS approval	
Approved for	SGSNA/20/SUW/00063X
IECEX approval	Class I, Division 2, Groups A - D T5 Class I, Zone 2, Group IIC T5
IECEX certificate	
IECEX marking	IECEX EPS 20.0050X
IA approval	
Approved for	Ex ic IIC T5 Gc Ex ic IIIB T80°C Dc
Further approvals	MASC S/21-8334 X
General information	
Scope of delivery	Tab-Ex Pro incl. battery Ex-protective cover S Pen Charger Documentation

Accessories

	BC T01	Belt loop with carabiner
	Carrying Strap (cushioned)	Carrying strap (padded) for leather bags
	TC S02 Travel Charger	Travel charger
	BP TPRO X2	Battery pack Li-Ion 28,12 Wh

Accessories

	microSD-Card 512GB Tab-Ex Pro	256 GB microSD card for Tab-Ex Pro
	ST TPRO X2 Samsung S Pen	Stylus pen
	S Pen Tips u. Tweezers TPRO	Tip ends and tip removal tweezers for ST TPRO X2
	PC TPRO USB-CABLE TAB-EX PRO	USB connection cable
	PSPA1C1GE	USB-C to Ethernet Adapter
	DC TPRO X2 Desktop Charger 5Bay (EU/UK/AUS/NZ)	Desktop charging station, 5-slot, for Tab-Ex Pro
	DC TPRO X2 Desktop Charger 5Bay (US)	Desktop charging station, 5-slot, for Tab-Ex Pro
	VH TPRO X2 CIGLIGHTCON NON-EX	Car charger, on-board voltage socket, non-Ex, for Tab-Ex Pro
	VH TPRO X2 BAREWIRED NON-EX	Vehicle mount, blank, wired, non-Ex for Tab-Ex Pro
	VH TPRO X2 CRADLE NON-EX	Vehicle mount
	HM-MT-BT-EX-010041	Interface for wireless communication between PC host and HART field devices
	MA TPRO X2 MULTI-PORT-ADAPTER	Multiport-Adapter
	CH TPRO X2	Chest strap carrying system for Tab-Ex Pro DZ2/D2
	LC TPRO X2	Leather case for Tab-Ex Pro DZ2/D2
	KB TPRO X2 2-1 ATTACH.KB (US)	keyboard
	KB TPRO X2 2-1 ATTACH.KB (UK)	keyboard
	KB TPRO X2 2-1 ATTACH.KB (FR)	keyboard
	KB TPRO X2 2-1 ATTACH.KB (GER)	keyboard
	KB TPRO X2 2-1 ATTACH.KB (ES)	keyboard

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