

# Tablet computer

## TAB-EXPRODZ2-WWANNAM-CS00..



- First 10.1" (25.54 cm) Android™ tablet for hazardous areas
- Replaceable SIM
- Wireless connections such as WWAN, 4G LTE, WLAN, etc.
- 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 Northern America



### 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 <sup>2</sup> (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)
<b>Software</b>	
Operating system	Android™ 11
Languages	Deutsch , English (default)
Safety	Samsung KNOX 3.2
SMS/MMS	yes
<b>Ambient conditions</b>	
Ambient temperature	-20 ... 55 °C (-4 ... 131 °F)
<b>Mechanical specifications</b>	
Degree of protection	IP64
Mass	930 g
Dimensions	H x W x D 170.2 mm x 243.5 mm x 9.9 mm
<b>International approvals</b>	
SGS approval	SGSNA/20/SUW/00063X
Approved for	Class I, Division 2, Groups A - D T5 Class I, Zone 2, Group IIC T5
IECEX approval	
IECEX certificate	IECEX EPS 20.0050X
IECEX marking	Ex ic IIC T5 Gc Ex ic IIIB T80°C Dc
Approved for	Northern America
Further approvals	MIL-STD-810H
<b>General information</b>	
Scope of delivery	Tab-Ex Pro incl. battery Ex-protective cover S Pen Charger Documentation

## Accessories

	<b>BC T01</b>	Belt loop with carabiner
	<b>Carrying Strap (cushioned)</b>	Carrying strap (padded) for leather bags
	<b>TC S02 Travel Charger</b>	Travel charger
	<b>BP TPRO X2</b>	Battery pack Li-Ion 28,12 Wh
	<b>microSD-Card 512GB Tab-Ex Pro</b>	256 GB microSD card for Tab-Ex Pro
	<b>ST TPRO X2 Samsung S Pen</b>	Stylus pen
	<b>S Pen Tips u. Tweezers TPRO</b>	Tip ends and tip removal tweezers for ST TPRO X2

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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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## Accessories

	<b>PC TPRO USB-CABLE TAB-EX PRO</b>	USB connection cable
	<b>PSPA1C1GE</b>	USB-C to Ethernet Adapter
	<b>DC TPRO X2 Desktop Charger 5Bay (EU/UK/AUS/NZ)</b>	Desktop charging station, 5-slot, for Tab-Ex Pro
	<b>DC TPRO X2 Desktop Charger 5Bay (US)</b>	Desktop charging station, 5-slot, for Tab-Ex Pro
	<b>VH TPRO X2 CIGLIGHTCON NON-EX</b>	Car charger, on-board voltage socket, non-Ex, for Tab-Ex Pro
	<b>VH TPRO X2 BAREWIRED NON-EX</b>	Vehicle mount, blank, wired, non-Ex for Tab-Ex Pro
	<b>VH TPRO X2 CRADLE NON-EX</b>	Vehicle mount
	<b>HM-MT-BT-EX-010041</b>	Interface for wireless communication between PC host and HART field devices
	<b>MA TPRO X2 MULTIPOINT-ADAPTER</b>	Multiport-Adapter
	<b>CH TPRO X2</b>	Chest strap carrying system for Tab-Ex Pro DZ2/D2
	<b>LC TPRO X2</b>	Leather case for Tab-Ex Pro DZ2/D2
	<b>KB TPRO X2 2-1 ATTACH.KB (US)</b>	keyboard
	<b>KB TPRO X2 2-1 ATTACH.KB (UK)</b>	keyboard
	<b>KB TPRO X2 2-1 ATTACH.KB (FR)</b>	keyboard
	<b>KB TPRO X2 2-1 ATTACH.KB (GER)</b>	keyboard
	<b>KB TPRO X2 2-1 ATTACH.KB (ES)</b>	keyboard

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Pepperl+Fuchs Group  
www.pepperl-fuchs.comUSA: +1 330 486 0002  
pa-info@us.pepperl-fuchs.comGermany: +49 621 776 2222  
pa-info@de.pepperl-fuchs.comSingapore: +65 6779 9091  
pa-info@sg.pepperl-fuchs.com
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