



## Tablet computer

### TAB-EXPRODZ2-WIFINAM-CN00..

- First 10.1" (25.54 cm) Android™ tablet for hazardous areas
- 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
- 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 and Zone 2/22), latest available Android firmware release, WiFi, with camera, 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
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

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











Release date: 2022-06-21 Date of issue: 2022-06-21 Filename: 480987-100011\_eng.pdf

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

## Technical Data

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 (EU/UK/US/AU)</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
	<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

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 **PEPPERL+FUCHS**

## Accessories

	<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>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