



## Tablet computer



### Tab-Ex02-DZ1-WWANEUR-ANDNS00..

- 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
- Global certificates - a common platform
- Latest available Android version for this device

Tab-Ex 02 DZ1 (DIV 1 & Zone 1/21), latest available Android firmware release, WWAN (LTE) incl. WiFi, no camera, with microSD card, version for Europe



## Technical Data

### Hardware

Processor	Exynos 7 Octa, 1.6 GHz Octa-core (Cortex®-A53)
Working memory	RAM 3 GByte
Camera	
Video recording resolution	Full HD (1920 x 1080 pixels) @ 30 fps
Optional data memory	Micro SD flash card up to 256 GByte
Internal data memory	16 GByte
Sensors	Acceleration sensor, proximity and ambient light sensor, gyroscope, geomagnetic, Hall sensor, facial recognition

### Indicators/operating means

Display	Can be operated while wearing gloves
Touchscreen technology	Capacitive multitouch
Type	TFT, LCD
Screen diagonal	20.31 cm
Resolution	1280 x 800 (WXGA)
Brightness	480 nit
Colors	16 Mio.

### Electrical specifications

Battery type	Li-Ion battery 16.91 WH 3.8 V 4450 mAh
Operating duration	up to 11 h

### Communication

Mobile standard	LTE Cat. 6 (300 Mbps)
2G	GSM 850 MHz, GSM 900 MHz, DCS 1800 MHz, PCS 1900 MHz
3G	UMTS band: B1 (2100), B2 (1900), B4 (AWS), B5 (850), B8 (900)
4G	LTE band: B1 (2100), B2 (1900), B3 (1800), B4 (AWS), B5 (850), B7 (2600), B8 (900), B17 (700), B20 (800), B28 (700)
WLAN	802.11 a/b/g/n/ac (2.4 GHz + 5 GHz)
Bluetooth	Bluetooth® 4.2
GPS sensor	GPS, Glonass, Beidou
USB	USB 2.0
Connections	Wi-Fi Direct, NFC, ANT+
SIM card	1 x Nano SIM (4FF)

### Software

Release date: 2020-12-09 Date of issue: 2020-12-09 Filename: 480982-100187\_eng.pdf

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

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## Technical Data

Operating system	Android™
Languages	Deutsch English (default)
Safety	Samsung KNOX 3.2
SMS/MMS	yes
<b>Ambient conditions</b>	
Ambient temperature	-20 ... 50 °C (-4 ... 122 °F)
<b>Mechanical specifications</b>	
Degree of protection	IP64
Mass	1250 g
Dimensions	H x W x D 162 mm x 256 mm x 33.3 mm
<b>Data for application in connection with hazardous areas</b>	
ATEX approval	
ATEX certificate	SIRA 19 ATEX 1017 X
ATEX marking	Ⓜ II 2G Ex db ia op is IIC T5 Gb Ⓜ II 2D tb ia op is IIIC T100 °C Db
<b>International approvals</b>	
CSA approval	
CSA certificate	19.80012318X
Approved for	Class I, II, Division 1, Groups A-G T5 Class I, Zone 1, AEx db ia op is IIC T5 Gb Zone 21 AEx tb ia op is IIIC T100°C Db
IECEX approval	
IECEX certificate	IECEX SIR 19.0012X
IECEX marking	Ex db ia op is IIC T5 Gb Ex tb ia op is IIIC T100 °C Db
Approved for	Europe
<b>General information</b>	
Scope of delivery	Tab-Ex® 02 Battery Stylus holder S Pen Safety Box USB cable Travel charger Documentation Micro SD flash card

## Accessories

	<b>TC T02 (UK) TRAVEL CHARGER</b>	Travel charger
	<b>LC T01 X1</b>	Leather bag
	<b>CH T01 X1</b>	Chest strap carrying system
	<b>Carrying Strap (cushioned)</b>	Carrying strap (padded) for leather bags
	<b>PC T01</b>	USB connection cable
	<b>DS T01 X1 (EU)</b>	Docking station
	<b>DS T01 X1 (UK)</b>	Docking station

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## Accessories

	<b>VH T01 X1e Vehicle Holder (passiv) Non-Ex</b>	Vehicle mount
	<b>CC S01-R</b>	Car charger
	<b>ST T02 X2 S Pen</b>	S Pen
	<b>S Pen Tips u. Tweezers</b>	Tip ends and tip removal tweezers for ST T02 X2
	<b>LC T01 X2</b>	Leather case for Tab-Ex® 01 and 02 D2/Z2/DZ2
	<b>CH T01 X2</b>	Chest strap carrying system
	<b>SB T01 Safety Box für Tab-Ex 01 / 02 DZ1</b>	Safety Box
	<b>DS T01 X1 (US)</b>	Docking station
	<b>DS T01 X1 (AU)</b>	Docking station
	<b>PSA1uB1E-E</b>	Micro-USB to Ethernet Adapter
	<b>Tether ST 01 Stylus</b>	Stylus tether
	<b>TC T02 (EU) Travel Adapter</b>	Travel charger
	<b>TC T02 (US) Travel Adapter</b>	Travel charger
	<b>TC T02 (AU) Travel Adapter</b>	Travel charger
	<b>BC T01</b>	Belt loop with carabiner
	<b>Samsung EVO PLUS microSDXC</b>	256 GB microSD card for Tab-Ex® 02