



## Tablet computer



### Tab-Ex02-DZ2-WWANNAM-ANDCS00..

- Replaceable SIM
- Global certificates - a common platform
- Wireless connections such as WWAN, 4G LTE, WLAN, etc.
- Camera (front and main/optional)
- 8 MP camera with built-in flash on the main screen
- 5 MP front camera
- 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
- Latest available Android version for this device

Tab-Ex 02 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

<b>Hardware</b>	
Processor	Exynos 7 Octa, 1.6 GHz Octa-core (Cortex®-A53)
Working memory	RAM 3 GByte
<b>Camera</b>	
Front camera	5 MP
Main camera	8 MP Autofocus
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
<b>Indicators/operating means</b>	
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.
<b>Electrical specifications</b>	
Battery type	Li-Ion battery 16.91 WH 3.8 V 4450 mAh
Operating duration	up to 11 h
<b>Communication</b>	
Mobile standard	LTE Cat. 6 (300 Mbps)
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

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

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## Technical Data

USB	USB 2.0
Connections	Wi-Fi Direct, NFC, ANT+
SIM card	1 x Nano SIM (4FF)
<b>Software</b>	
Operating system	Android™
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	Wi-Fi 575 g
Dimensions	H x W x D 127.6 mm x 247.7 mm x 9.9 mm
<b>Data for application in connection with hazardous areas</b>	
ATEX approval	
Certificate of conformity	EPS 18 ATEX 1 055 X
ATEX marking	Ⓜ II 3G Ex ic IIC T5 Gc Ⓜ II 3D Ex ic IIIB T100 °C Dc
<b>International approvals</b>	
CSA approval	
CSA certificate	70166734
Approved for	Class I, Division 2, Groups A, B, C, D T5 Class I, Zone 2, Group IIC T5
IECEX approval	
IECEX certificate	IECEX EPS 18.0029X
IECEX marking	Ex ic IIC T5 Gc Ex ic IIIB T100 °C Dc
Approved for	Northern America
<b>General information</b>	
Scope of delivery	Tab-Ex® 02 Battery Ex-protective cover S Pen USB cable Travel charger Documentation Micro SD flash card

## Accessories

	<b>DC T01 X2 (EU / UK / AUS / NZ)</b>	Desktop charging station, 5-slot, for Tab-Ex® 01 D2, Z2, DZ2 and Tab-Ex® 02 DZ2
	<b>DC T01 X2 (US)</b>	Desktop charging station, 5-slot, for Tab-Ex® 01 D2, Z2, DZ2 and Tab-Ex® 02 DZ2
	<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>BP T01 X2</b>	Battery pack
	<b>BC T01</b>	Belt loop with carabiner





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## Accessories

	<b>S Pen Tips u. Tweezers</b>	Tip ends and tip removal tweezers for ST T02 X2
	<b>PC T02</b>	USB connection cable
	<b>Samsung EVO PLUS microSDXC</b>	256 GB microSD card for Tab-Ex® 02
	<b>HM-MT-BT-EX-010041</b>	Interface for wireless communication between PC host and HART field devices

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