



Tablet computer



Tab-Ex02-DZ2-WWANQAT-ANDNS00..

- Replaceable SIM
- Global certificates - a common platform
- 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
- 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, no camera, with microSD card, version for Qatar

Technical Data

Hardware

Processor	Exynos 7 Octa, 1.6 GHz Octa-core (Cortex®-A53)
Working memory	RAM 3 GByte
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

Operating system	Android™
Languages	Deutsch English (default)

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

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Technical Data

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	579 g
Dimensions	H x W x D 127.6 mm x 247.7 mm x 9.9 mm
Data for application in connection with hazardous areas	
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
International approvals	
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	Qatar
General information	
Scope of delivery	Tab-Ex® 02 Battery Ex-protective cover S Pen USB cable Travel charger Documentation

Accessories



	DC T01 X2 (EU / UK / AUS / NZ)	Desktop charging station, 5-slot, for Tab-Ex® 01 D2, Z2, DZ2 and Tab-Ex® 02 DZ2
	DC T01 X2 (US)	Desktop charging station, 5-slot, for Tab-Ex® 01 D2, Z2, DZ2 and Tab-Ex® 02 DZ2
	LC T01 X2	Leather case for Tab-Ex® 01 and 02 D2/Z2/DZ2
	CH T01 X2	Chest strap carrying system
	BP T01 X2	Battery pack
	BC T01	Belt loop with carabiner
	S Pen Tips u. Tweezers	Tip ends and tip removal tweezers for ST T02 X2
	PC T02	USB connection cable

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Accessories

	Samsung EVO PLUS microSDXC	256 GB microSD card for Tab-Ex® 02
	HM-MT-BT-EX-010041	Interface for wireless communication between PC host and HART field devices

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