



Model Number

Tab-Ex02-DZ1-WWANEUR-A8-CN00..

Features

- Replaceable SIM
- Global certificates - a common platform
- Android 8.1 operating system
- 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

Technical data

Hardware

Processor	Exynos 7 Octa, 1.6 GHz Octa-core (Cortex®-A53)
Working memory	RAM 3 GByte
Camera	
Front camera	5 MP
Main camera	8 MP Autofocus
Video recording resolution	Full HD (1920 x 1080 pixels) @ 30 fps
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	Glonass, Beidou
USB	USB 2.0
Connections	Wi-Fi Direct, NFC, ANT+
SIM card	1 x Nano SIM (4FF)

Software

Operating system	Android™ 8.1
Languages	Deutsch English (default)
Safety	Samsung KNOX 3.2
SMS/MMS	yes

Ambient conditions

Ambient temperature	-20 ... 50 °C (-4 ... 122 °F)
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Mechanical specifications

Degree of protection	IP64
Mass	1250 g
Dimensions	H x W x D 162 mm x 256 mm x 33.3 mm

Data for application in connection with hazardous areas

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

International approvals

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

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Accessories

LC T01 X1

CH T01 X1

Carrying Strap (cushioned)

Carrying strap (padded) for leather bags

PC T01

DS T01 X1 (EU)

DS T01 X1 (UK)

Vehicle Holder (passiv) Non-Ex

CC S01-R

ST T02 X2 Samsung S Pen for Tab-Ex 02 series

S Pen Tips u. Tweezers

Tip ends and tip removal tweezers for ST T02 X2

LC T01 X2

Leather case for Tab-Ex 01 and 02 D2/ Z2/DZ2

CH T01 X2

Chest strap carrying system

SB T01 Safety Box für Tab-Ex 01 / 02 DZ1

DS T01 X1 (US)

DS T01 X1 (AU)

TC T02 (EU) Travel Adapter

TC T02 (UK) Travel Adapter

TC T02 (US) Travel Adapter

TC T02 (AU) Travel Adapter

PSA1uB1E-E

Tether ST 01 Stylus

BC T01

Belt loop with carabiner

Samsung EVO PLUS microSDXC

256 GB microSD card for Tab-Ex 02

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