



Tablet computer

Tab-Ex® 03 D2

TAB-EX03-D2*

- NFC technology for wireless applications
- Comprehensive security thanks to Samsung KNOX
- Suitable for use with gloves
- Google ARCore
- Samsung DeX Mode
- MIL-STD-810H
- 64 GB internal memory
- Micro SD slot (up to 1 TB)
- Replaceable battery
- Replaceable SIM
- Wireless connections such as WWAN, 4G LTE, WLAN and Bluetooth®
- Micro SD slot, 512 GB
- 13 MP rear camera + 5 MP front camera
- No battery mode
- Verizon, AT&, T-Mobile

Tab-Ex 03 D02 (DIV 2), latest available Android firmware release, WWAN (LTE, optional) incl. Wi-Fi, with camera (optional), with microSD card (optional)



Technical Data

Hardware	
Processor	Octa-core, 4 x 2.7 GHz + 4 x 1.7 GHz Exynos 9810
RAM	4 GB
Camera	
Front camera	5 MP
Main camera	13 MP Autofocus
Video recording resolution	UHD 4K (3840 x 2160) @ 30 fps
Scanner	Fingerprint scanner
Internal data memory	64 GByte Free available memory 48.6 GByte
Optional data memory	microSD (up to 1024 GB) 512 GB installed
Sensors	Fingerprint scanner, acceleration sensor, gyroscope, proximity sensor, geomagnetic sensor, Hall sensor, RGB light sensor
Indicators/operating means	
Display	Can be operated while wearing gloves
Touch screen technology	Capacitive multitouch
Type	TFT, LCD
Screen size	20.31 cm
Aspect ratio	16:10
Resolution	1920 x 1200 (WUXGA)
Brightness	480 cd/m ² (nit)
Colors	16 Mio.
Electrical specifications	
Battery type	Li-Ion 18.87 WH, 3.8 V 5050 mAh (typical) 4900 mAh (rated) (replaceable)

Release date: 2025-02-20 Date of issue: 2025-02-20 Filename: t219229_eng.pdf

Technical Data

Operating duration	up to 11 h
Communication	
Mobile standard	Also available in a Wi-Fi only version.
3G	UMTS: B1, B2, B4, B5, B8
4G	LTE FDD: B2, B3, B4, B5, B7, B8, B12, B13, B14, B20, B25, B26, B29, B66, B71 LTE TDD: B41
WLAN	802.11 a/b/g/n/AC/ax 2.4 G+5 GHz, HE80, MIMO, 1024 QAM
Bluetooth	Bluetooth® 5.0
GPS sensor	GPS, Glonass, Beidou, Galileo
USB	USB 3.1 Gen. 1
Connections	Wi-Fi Direct, NFC, ANT+
SIM card	1x Nano SIM (4FF) (optional)
Software	
Operating system	Android™ 13
Safety	Samsung KNOX 3.x
Ambient conditions	
Ambient temperature	-20 ... 55 °C (-4 ... 131 °F)
Mechanical specifications	
Degree of protection	IP68
Mass	550 g
Dimensions	
W x H x D	126.8 mm x 213.8 mm x 9.9 mm
International approvals	
SGS approval	
SGS certificate	SGSNA/21/SUW00045X
Approved for	Class I, Division 2 Groups A, B, C, D T5 Class II, Division 2 Groups F, G T100°C Class III Class I, Zone 2 Group IIC T5 Zone 22 Group IIIB T100°C
Approved for	Northern America or Canada
Further approvals	MIL-STD-810H
General information	
Note	* IP68 is based on test conditions for submersion in up to 1.5 meters of freshwater for up to 30 minutes.
Scope of delivery	Tab-Ex® 03 Battery Ex-protective cover S Pen USB cable Charger Documentation Micro SD flash card (optional)

Accessories

Accessories for this product can be found on the internet at www.pepperl-fuchs.com.