



## Tablet computer

### Tab-Ex® 05 DZ1

TAB-EX05-DZ1-WIFISGP-CN1000-..

- Android™ 14
- Portable rugged tablet with brilliant 8" display
- Comprehensive security thanks to Samsung KNOX
- Suitable for use with gloves
- Google ARCore
- Fast data transfer via 5G connectivity
- Robust and protected against falls according to IP68 and MIL-STD-810H
- Function button for quick access

Tab-Ex 05 DZ1 (DIV 1 and Zone 1/21), Android 14, Wi-Fi, with camera, version for Singapore



### Technical Data

Hardware	
Processor	Exynos 1380 (S5E8835) Octa-Core 4 x 2.4 GHz + 4 x 2.0 GHz 64 Bit, 5 nm
RAM	6 GB LPDDR4X
Camera	
Front camera	5 MP 1/5.0" sensor, F2.2 aperture
Main camera	13 MP 1/3.0" sensor, F1.9 aperture, autofocus, 8x digital zoom
Video recording resolution	UHD 4K (3840 x 2160) @ 30 fps
Internal data memory	128 GB UFS
Optional data memory	microSD (up to 1 TB)
Sensors	Accelerometer, Gyro Sensor, Geomagnetic Sensor, Hall Sensor, RGB Light Sensor
Speaker	yes
Indicators/operating means	
Display	
Refresh rate	Standard (60 Hz) / Adaptive (up to 120 Hz)
Touch screen technology	Capacitive
Panel type	TFT
Screen size	20.31 cm / 8 inch
Aspect ratio	16:10
Screen resolution	1920 x 1200 (WUXGA)
Pixel density	283 ppi
Brightness	max. 600 cd/m <sup>2</sup> (nits)
Colors	16 Mio.
Screen protection	Corning® Gorilla® Glass 3
Special Features	Can be operated while wearing gloves Dark Mode, Adaptive Brightness, Eye Comfort, Screen Saver, Screen Zoom, Multi-Touch
Key	Function button, Active button
Electrical specifications	
Battery type	Li-ion 3.8 V 5050 mAh 18.87 Wh (typically)
Operating duration	up to 14 h
Interface	
I/O ports	USB 2.0 (Type-C)

Release date: 2025-05-27 Date of issue: 2025-05-27 Filename: 480996-100034\_eng.pdf

## Technical Data

<b>Communication</b>	
WLAN	WLAN 802.11 a/b/g (2.4 GHz), WiFi 4, 5, 6 (2.4 GHz + 5 GHz ), HE80, MIMO, 1024 QAM, WiFi Direct, Mobile Hotspot, Hotspot 2.0, Auto Hotspot
Bluetooth	Bluetooth® 5.3
GPS sensor	GPS, Glonass, Beidou, Galileo
NFC	yes
Connections	Wireless DeX
<b>Software</b>	
Operating system	Android™ 14 Android™ Enterprise Recommended verified device Google ARCore ready
<b>Cybersecurity</b>	
IT security	
Biometrics	Facial recognition
Updates	Security updates until 2032 Operating system upgrades up to Android™ 22
Mobile device protection	Samsung KNOX 3.10
<b>Ambient conditions</b>	
Ambient temperature	-20 ... 55 °C (-4 ... 131 °F)
<b>Mechanical specifications</b>	
Degree of protection	IP68 according to EN/IEC 60529 MIL-STD-810H
Mass	approx. 1122 g
Dimensions	
W x H x D	161.5 mm x 262.75 mm x 25.75 mm
<b>Data for application in connection with hazardous areas</b>	
ATEX approval	
ATEX certificate	EPS 24 ATEX 1 288 X
ATEX marking	Ⓜ II 2G Ex db ia IIC T6 Gb Ⓜ II 2D Ex tb ia IIIC T80°C Db
<b>International approvals</b>	
IECEX approval	
IECEX certificate	IECEX EPS 24.0082X
IECEX marking	Ex db ia IIC T6 Gb Ex ia tb IIIC T80°C Db
Approved for	Singapore
<b>General information</b>	
Scope of delivery	Tab-Ex® 05 Torx T8 S Pen USB cable Charger Documentation <b>Optional:</b> Micro SD flash card Viator Bluetooth HART Interface

## Accessories

Accessories for this product can be found on the internet at [www.pepperl-fuchs.com](http://www.pepperl-fuchs.com).