

539.00 EUR
incl. 19% VAT, plus shipping

- IP67 Protection
- 1000-nit Anti-Glare Display
- 4G LTE, Wi-Fi, Bluetooth, GNSS
- 8000 mAh Battery

Support: Specifications | Manual

- Android 14 or Android 16 with nGMS or Non-GMS
- 2.0 GHz octa-core processor, 4 GB LPDDR4X and 64 GB eMMC
- 8-inch IPS display with 1280 x 800 pixels, 1000 nits and anti-glare multi-touch for glove and wet operation
- 2G/3G/4G with voice, Wi-Fi, Bluetooth 5.0 and GNSS
- Rechargeable 8000 mAh lithium-ion battery
- IP67, 1.2 m drop resistance per MIL-STD-810G and -20 °C to 60 °C operating temperature

The MDT865 is a rugged 8-inch Android tablet for professional mobility in vehicles, field service and fixed workplaces. It combines a 2.0 GHz octa-core processor, 4 GB LPDDR4X memory, 64 GB eMMC storage, and 4G LTE, Wi-Fi, Bluetooth and GNSS connectivity in a durable industrial housing.

With its anti-glare 1000-nit display, IP67 protection, 8000 mAh battery and flexible cradle concept, the MDT865 is suitable as an in-vehicle terminal or docked workstation. The cradle supports Ethernet, USB, RS232, RS485, CAN bus and GPIO, among other interfaces. Optional extensions such as 1D/2D barcode scanner, LoRa module, LF RFID reader, barometric altimeter, video input and camera hub further extend the application range. The Topicon Device Management Server supports boot animation, APK installation, APN configuration, default settings and customized buttons, among other functions.

PHYSICAL CHARACTERISTICS

Dimensions	207 mm L x 138 mm W x 17 mm D
Weight	604 g
Display	8-inch, IPS panel (1280 x 800 pixel), high brightness (1000 nits)
Touch Panel	Anti-glare capacitive multi-touch panel / Glove, Wet mode
Backlight	LED Backlight
Power	Rechargeable Lithium-ion Battery 3.8 V 8000 mAh
Expansion Slot	User accessible micro SD card slot (standard supports up to 512 GB)

SIM	2 x Nano-SIM
Interface	Docking Connector (18-pin) 1 x USB Type C 2.0 OTG on the device 1 x 3.5 mm Audio Headphone Jack on the device 2 x USB Type A 2.0 OTG on the cradle 1 x RJ45 Connector on the cradle 1 x Type C on the cradle for power supply 2 x RS232, 1 x RS485 on the cradle 1 x CAN Bus and 4 x GPIO on the cradle
Notification	Audible tone, Charging Status LED
Voice / Audio	Speaker, Microphone, headset
Keypad	On-screen keypad
PERFORMANCE CHARACTERISTICS	
CPU	2.0 GHz Octa Core Processor
OS	Android 14 or Android 16 with nGMS or Non-GMS
Memory	4 GB LPDDR4X 64 GB eMMC
WIRELESS WAN DATA AND VOICE COMMUNICATION	
Radio Frequency	GSM: 850/900/1800/1900 MHz WCDMA: B1/B2/B4/B5/B8 LTE FDD: B1/B2/B3/B4/B5/B7/B8/B12/B17/B20/B28/B66 LTE TDD: B38/B40/B41
GNSS	GPS, GLONASS, GALILEO
External GPS antenna	Yes, MMCX
WIRELESS LAN	
Radio	802.11 a/b/g/n/ac; 802.11 d/e/h/i/j/k/r/v/w
Data Rate	5 GHz: 802.11a/n/ac - up to 500 Mbps 2.4 GHz: 802.11b/g/n - up to 144 Mbps
Security and Encryption	WFA WPA/WPA2 Personal, AES-CCMP, WPI-SMS4, GCMP, WPS2.0, WAPI (hardware)
WIRELESS PAN	
Bluetooth	V5.0
WIRED LAN	
Ethernet	Support (w/Cradle)
DATA CAPTURE	
Scanner (Optional)	1D&2D Imagers
Camera	Rear camera 20MP autofocus with flash
Video Input (Optional)	Support one channel AHD 720P, 1080P and analog camera (w/Cradle) Support four channels AHD 720P, 1080P and analog camera (w/Cradle)
NFC	Supported TAG-ICs: MIFARE Classic 1k/4k/Plus, MIFARE UltraLight MIFARE UltraLight C, MIFARE DESFire, MIFARE DESFire Ev1, ISO 14443 A & B ISO 15693
Serial Communication	2 x RS232 1 x RS485
SENSOR	
Light Sensor	Ambient Light
Motion Sensor	Accelerometer, E-Compass, Gyroscope
USER ENVIRONMENT	
Operating Temp	-20 °C to 60 °C / -4 °F to 140 °F
Storage Temp	-20 °C to 70 °C / -4 °F to 158 °F
Humidity	90% non-condensing

Drop Spec	1.2 m / 4 ft. to drop per MIL STD 810G
Sealing	IP67
Electrostatic Discharge (ESD)	+/-8kVdc air discharge +/-4kVdc direct discharge +/-4kVdc indirect discharge
OPTIONAL ACCESSORIES	
Vehicle docking station	Vehicle docking station
Metal dash mount	Metal dash mount
NFC reader at docking station	NFC reader at docking station
Extra input and output at docking station	Extra input and output at docking station