MT-6621

6.5 inch Rugged Handheld

FEATURES

- Available with Windows 10/11 IoT Enterprise
- IP67 dust and water proof and 4.9 ft drop tested
- MIL-STD-810H certification
- Wi-Fi and BT connectivity
- Removable high-capacity battery with support for fast-charging
- NFC capability and 2D barcode scanner option

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Specifications

Item	MT-6621
Dimension	7.2 in x 3.49 in x 0.95 in / 183.1 mm x 88.6 mm x 24.1 mm (L x W x H)
Weight	1.04 lb / 470 g
CPU	Intel® Jasper Lake N5100
Graphics	Intel® UHD Graphics 620
Memory & Storage	8GB LPDDR4 RAM / 128GB eMMC ROM
Operating System	Windows 10 IoT Enterprise, Windows 11 IoT Enterprise
Display Size	6.5 inch, 720 x 1600 resolution, 20:9 apect ratio, 500 nits brightness, backlit
Display Technology	PCAP (5-point) enabled touch, IPS TFT enhancing display quality
	Scratch resistant Corning Gorilla glass (6H or higher hardness)
I/O Ports	USB Type-C 2.0 with OTG support for data transfer
	USB Type-A port with USB 3.0 for data transfer
	MicroSD card with support for up to 512GB (user accessible)
	1 x nano SIM
	Pogo pin (supports docking charger DC61J)
Wi-Fi	Wi-Fi 802.11 a/b/g/n/ac, dual-band 2.4GHz + 5.8GHz
BT	Bluetooth 5.0, Class 1 (BLE), transmission range: over 10 meters
NFC	13.56MHz (supports ISO/IEC 14443A/14443B/15693/18092/mifare protocol)
Camera	Front: 5MP, Rear: 8MP, autofocus with flash
Speaker	1 x embedded 1Ω/1W speaker, 95dB@0.1m
Microphone	1 x microphone, BT wireless headset support
Buttons	Power, volume adjustment (+), volume adjustment (-), barcode scanning (left & right)
Sensors	G sensor for automatic screen rotation
Battery	Removable 7.4V/4000mAh lithium-ion polymer battery, supports 45W Type-C PD3.0 fast charging *Battery lasts approx. 6 h (50% volume sounds, 50% screen brightness,1080P HD video display by default)*
Adapter	Input: 100-240V AC, 0.5A, 50/60Hz, PD3.0 45W (enables fast charging)
Data Capture	2D barcode scanner, ability to read 5mil barcodes, 50 scans (frames) per second ***Supported 1D codes:*** *UPC/EAN, Bookland EAN, UCC Coupon Code, ISSN EAN, Code 128, GS1-128, ISBT 128, Code 39, Trioptic Code 39,Code 32, Code 93, Code 11* ***Supported 2D codes:*** *PDF417, MicroPDF417, Data Matrix, Data Matrix Inverse, Maxicode, QR Code, MicroQR, QR Inverse, Aztec, Aztec Inverses, Han Xin, Han Xin Inverse*
Ruggedness	Drop specification: 4.9 ft /1.5 m per MIL-STD 810H
	Operating temperature: -4°F to 140°F/ -20 °C to 60 °C
	Storage temperature: -22°F to 158°F / -30 °C to 70 °C
	Humidity: up to 95% non-condensing
	Sealing: IP67 (dust and water proof)
Regulatory	MIL-STD-810H certified (U.S. military standard for testing the durability and environmental resilience) CE, FCC, CCC China Energy Conservation Certification, Battery: UN38.3, MSDS, IEC62133

*Specification is subject to change without prior notice

Hand strap

Docking charger DC61J (option)

Fast charging adapter

Vehicle mount (option)

Screen protector (option)

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