



FEATURES

- 10.1" IPS LCD Screen (1920 x 1200 Resolution)
- Intel Alder Lake N200 Processor
- Windows 11 or Linux OS
- IP65 Water & Dust Protection
- 4ft Drop / Shock Protection (MIL-STD-810G)
- Outdoor LCD Display (800 nits)
- Optional Barcode Reader, Smart Card, Fingerprint Reader, NFC Reader

Take control of any situation with the expertly designed MD-100 Rugged & Medical Grade Tablets. These go-anywhere tablets features our best combination of Field-and-Office design specs and options, including an incredibly fast Intel Alder Lake Processor, drop-in docking, long-life swappable batteries and an array of great tools and security features-all in a MIL-STD-810G Rugged and Waterproof tablet.

SPECIFICATIONS

RUGGEDNESS

IP Rating	IP65
Drop Rating	MIL-STD-810G, 4ft to Concrete
Shock Rating	MIL-STD-810G, Method 516.6, Procedure I, 40g 11ms
Vibration Rating	MIL-STD-810G, Method 514.6, Procedure I, Category 4
ESD Protection	8KV Touch, 15KV Air

SYSTEM

Processor	Intel Alder Lake N200, Max Turbo Frequency 3.7GHz, 6MB Inter Smart Cache
GPU	Intel UHD Graphics, Max Dyanmic Frequency 750MHz
Memory	8GB LPDDR5, Optional: 16GB LPDDR5
Storage	256GB NVMe Gen4 SSD Optional: 512GB, 1TB
OS	Windows 11 Pro & IOT Optional: Linux
Security	TPM2.0

DISPLAY

Screen Size	10.1" IPS LCD
Resolution	1920 x 1200
Brightness	800 nits Backlight, Sunlight Readable
View Angle	+/- 85°
Contrast Ratio	1500 : 1
Touch Screen	Capacitive 10-Point Multi-Touch High Strength Harden Glass Multi Touch Mode (Includes Glove, Water Splash) Glass Coating Optional: Anti-Reflective, Anti-Glare, Anti-Fingerprint

COMMUNICATIONS

Ethernet	1 x RJ45 10/100/1000M Port
Wi-Fi	Intel® Wi-Fi 6E AX210
Bluetooth	Bluetooth 5.2
4G LTE (Optional)	Accepts most 4G/LTE Modules using M.2 Interface
GPS (Optional)	Ublox NEO-M10, GPS Support GPS L1C/A, SBAS L1C/A, QZSS L1C/A CLONASS L10F, BeiDou B1

POWER

AC Adapter	Input AC 100-240V, Output DC 19V 3A, Standard US Plug Optional Medical AC Adapter
Battery	11.1V 3600mAh 40Wh Li-ion Hot Swappable Polymer Battery, Internal 7.4V 470mAh 3.5Wh Battery

I/O INTERFACE

Sensors	G-Sensor, Light Sensor
Audio	1 x Built-in Microphone 1 x Internal 8ohm 1W Speaker
Camera	Front Camera: 2MP Rear Camera: 5MP with Auto Focus
Ports	1 x USB 3.0 Type A 1 x HDMI Type A 1 x Audio Jack 1 x DC Jack 1 x Docking Connector (19V DC Input, 1 x USB 3.0) 1 x Micro SIM Slot 1 x Micro SD Slot, Maximum 256GB
Buttons	Power on/off Button, Windows Home Button Volume+/- Button 2 x Programmable Buttons

Extended modules

Extended Modules	NFC Module: Optional, ISO/IEC 14443 A/B, 15693 RFID Module: Optional, ISO 14443 A/B, ISO 15693 Barcode Reader: Optional Smart Card Reader: Optional, ISO 7816, CCID Fingerprint Reader: Optional Capacitive Stylus: Support
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MECHANICAL

Chassis	Plastic + TPU Optional Anti-Microbial Medical Chassis
Dimensions	280 x 256 x 23mm
Weight	1.1Kg

ENVIRONMENTAL

Operating Temperature	0°C to 50°C
Storage Temperature	-20°C to 60°C
Humidity	10% to 95% Non-condensing
RoHs	Compliant

REGULATORY

Certification	FCC, CE, IEC62133, IATA, IEC60601-1, IEC60601-1-2
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PRODUCT DIMENSIONS



OPTIONAL ACCESSORIES



Docking Station



Capacitive Stylus



Wall Dock

MARKET & APPLICATIONS:

Medical: Patient and drug data input, Registration

Retail: Data input, Stock management

Warehouse management

Logistics: In/Out scanning, Delivery tracking