



## 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

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

### SYSTEM

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

### DISPLAY

<b>Screen Size</b>	10.1" IPS LCD
<b>Resolution</b>	1920 x 1200
<b>Brightness</b>	800 nits Backlight, Sunlight Readable
<b>View Angle</b>	+/- 85°
<b>Contrast Ratio</b>	1500 : 1
<b>Touch Screen</b>	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

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

### POWER

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

### I/O INTERFACE

<b>Sensors</b>	G-Sensor, Light Sensor
<b>Audio</b>	1 x Built-in Microphone 1 x Internal 8ohm 1W Speaker
<b>Camera</b>	Front Camera: 2MP Rear Camera: 5MP with Auto Focus
<b>Ports</b>	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
<b>Buttons</b>	Power on/off Button, Windows Home Button Volume+/- Button 2 x Programmable Buttons

### Extended modules

<b>Extended Modules</b>	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

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

### ENVIRONMENTAL

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

### REGULATORY

<b>Certification</b>	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