

## FEATURES



- 10.5" IPS LCD Screen (1920 x 1080 Resolution)
- Sunlight Readable LCD Display (600 nits)
- Intel® Alder Lake Processor N200
- Windows 11 Pro/IoT OS
- IP66 Water & Dust Protection
- 5ft Drop / Shock Protection (MIL-STD-810H)
- Intel® Wi-Fi 6E AX210, Bluetooth 5.2, Optional 4G LTE
- Optional: Barcode Reader, SIM Slot
- ODM Options: RFID or High Precision GPS Module Via Pogo-Pin Expansion Slot

Experience unmatched productivity with the MW-100 Slim Rugged Tablet PC, built to excel in the most demanding environments. Featuring IP66 waterproof protection, MIL-STD-810H drop and shock resistance, and a sunlight-readable LCD, it performs effortlessly in field service, construction, public safety, emergency response, manufacturing, industrial settings, healthcare, logistics, and more. With our comprehensive ODM and OEM services, the MW-100 can be tailored to your needs, offering options like a 2D barcode scanner, 4G LTE, RFID or high precision GPS Module and additional features. Choose the MW-100 for exceptional durability and flexibility.

## SPECIFICATIONS

### RUGGEDNESS

<b>IP Rating</b>	IP66
<b>Drop Rating</b>	MIL-STD-810H, Method 516.8, Procedure IV
<b>Shock Rating</b>	MIL-STD-810H, Method 516.8, Procedure I
<b>Vibration Rating</b>	MIL-STD-810H, Method 514.8, Procedure I

### SYSTEM

<b>Processor</b>	Intel® Processor N200, Max Turbo Frequency 3.7GHz, 6 MB Intel® Smart Cache
<b>GPU</b>	Intel® UHD Graphics, Max Dynamic Frequency 750MHz
<b>Memory</b>	8GB LPDDR5
<b>Storage</b>	128GB Flash Memory
<b>OS</b>	Windows 11 64-bit Pro/IoT
<b>Security</b>	TPM 2.0

### DISPLAY

<b>Screen Size</b>	10.5" IPS LCD
<b>Resolution</b>	1920 x 1280
<b>Brightness</b>	600 nits, Backlight
<b>Contrast Ratio</b>	1500 : 1
<b>Touch Screen</b>	Capacitive 10-Point Multi-Touch
<b>Top Glass</b>	Chemically Hardened Glass for Front Impact Resistance

### COMMUNICATIONS

<b>Wi-Fi</b>	Intel® Wi-Fi 6E AX210
<b>Bluetooth</b>	Bluetooth 5.2
<b>4G LTE (Optional)</b>	4G LTE Module with M.2 Interface

### POWER

<b>AC Adapter</b>	110-220V AC input, 12V/3A DC output, Magnetic Connector
<b>Battery</b>	2S1P 7.6V 4100mAh (31Wh)

### I/O INTERFACE

<b>Sensors</b>	G-sensor, Light Sensor
<b>Audio</b>	2 x Speakers 1 x Built-in Mic
<b>Camera</b>	Front Camera: 5MP Rear Camera: 13MP with Auto Focus
<b>Ports</b>	2 x USB C Ports (Charging / USB 3.1 / Display) 1 x 14 Pin Docking Connector (Support USB 2.0 & Charging) Magnetic Charger Jack <b>Optional:</b> 1 x 17 Pin PoGo Pin Connector on Rear Chassis (Support USB 2.0 and External Battery) <b>Optional:</b> 1 x SIM Slot
<b>Buttons</b>	Power On/Off Button (Hold 10s will Reset the System) Volume+/- Button 1 x Programmable Button
<b>Barcode Scanner</b>	<b>Optional:</b> Built-in 2D Barcode Scanner

### MECHANICAL

<b>LED</b>	1 x Charging Indicator, 1 x Power Indicator
<b>Dimensions</b>	246.6 x 185.6 x 11.6mm
<b>Weight</b>	800g
<b>VESA Mount</b>	75 x 75mm, Screw Specifications: M2.5 Type

### ENVIRONMENTAL

<b>Temperature:</b>	
- Operation	-10°C to 50°C
- Storage	-20°C to 60°C
<b>Humidity</b>	10% to 90% Non-condensing

### REGULATORY

<b>Certification</b>	FCC, CE, IATA Medical Certification
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## DIMENSIONS AND SYSTEM LAYOUT



## ACCESSORIES



AC Adaptor with Magnetic Connector



Hand Strap



Docking Station



4-Port Charging Station

## OPTIONAL APPLICATION MODULE



Built-in Barcode Reader



RFID or High Precision GPS Module Via Pogo-pin Expansion Slot at Rear Chassis. (ODM Option only)