



## FEATURES

- 15.6" IPS LCD Screen (1920 x 1080 Resolution)
- 11th Gen Intel Tiger Lake i5 or i7 Processor
- Windows 11 Pro OS
- IP54 Water & Dust Protection
- 3ft Drop / Shock Protection (MIL-STD-810G)
- Hot Swappable Battery

The medical grade tablet PC MD-150 combines exceptional performance with high reliability, featuring a bright 15.6" high resolution touch screen, powerful Intel core i5/i7 processors, and a rugged design, all backed by medical IEC 60601-1 certification. Its IP54 waterproof and protective rubber edges make it suit tough medical environment, such as surgery room, ambulance, medical carts, and mobile medical imaging system.

## SPECIFICATIONS

### RUGGEDNESS

<b>IP Rating</b>	IP54
<b>Drop Rating</b>	3ft to Marble, Only 4 Corners, Front Side
<b>Shock Rating</b>	MIL-STD-810G-2014, Method 516.6, Procedure I, 40g
<b>Vibration Rating</b>	MIL-STD-810G-2014, Method 514.6, Program I
<b>ESD Protection</b>	8KV Contact, 15KV Air

### SYSTEM

<b>Processor</b>	Intel® Core™ i5-1135G7 Processor, 4 Cores, 8 Threads, 8MB Intel® Smart Cache, 2.4GHz Base Frequency, 4.2GHz Max Turbo Frequency <b>Optional:</b> Intel® Core™ i7-1165G7 Processor
<b>GPU</b>	Intel® Iris® Xe Graphics, Max Frequency 1.3GHz
<b>Memory</b>	8GB LPDDR4X <b>Optional:</b> 16GB LPDDR4X
<b>Storage</b>	PCIe Gen 4 SSD, 256GB (Up to 1TB)
<b>OS</b>	Windows 11 Pro 64bit <b>Optional:</b> Linux
<b>Security</b>	TPM 2.0

### DISPLAY

<b>Screen Size</b>	15.6" IPS LCD
<b>Resolution</b>	1920 x 1080 (16 : 9)
<b>Brightness</b>	300 nits
<b>View Angle</b>	+/- 85°
<b>Contrast Ratio</b>	800 : 1
<b>Touch Screen</b>	Capacitive 10-Point Multi-Touch Auto-sensing, Configurable to Wet and Glove Touch Chemically Hardened Glass Supports Windows-certified Digital Pen <b>Optional:</b> AG/AF Coating

### COMMUNICATIONS

<b>Wi-Fi</b>	Intel AX 210, Support WiFi 6E, 802.11 a/b/g/n/ac/ax 2.4G & 5G
<b>Bluetooth</b>	Bluetooth 5.2
<b>4G LTE (Optional)</b>	4G LTE Module with M.2 Interface
<b>GPS</b>	UBlox NEO-M10, GPS L1C/A, SBAS L1C/A, QZSS L1C/A, GLONASS L1OF, BeiDou B1, Galileo E1B/C

### POWER

<b>AC Adapter</b>	100-240V AC Input, 19V/3.42A DC Output, Standard US Plug, Medical AC Adapter, <b>Optional:</b> Multi-National AC Plugs
<b>Battery</b>	Hot-swappable 3S1P Li-ion 11.4V DC @ 5820mAh - 66.348Wh Internal Battery: 6.66Wh 600mAh 11.1V

### I/O INTERFACE

<b>Sensors</b>	Ambient Light Sensor, G-Sensor
<b>Audio</b>	1 x Built-in Microphone 2 x 4ohm, 1.5W speakers
<b>Camera</b>	Front Camera: 2MP, Rear Camera: 5MP with LED Flash
<b>Ports</b>	1 x USB 3.0 Type C (Only Support USB 3.1 and Display) 1 x USB 3.0 Type A 1 x USB 2.0 Type A 1 x 1000M RJ45 Port 1 x Nano SIM Slot (Internal) 1 x Audio Jack 1 x DC Jack 1 x Docking Connector (1 x 37pin, 19V DC Input, 1 x USB 3.0, HDMI Output)
<b>Buttons</b>	Power On/Off Button, Volume +/- Button 2 x Programmable Buttons

### MECHANICAL

<b>Chassis</b>	Front: Plastic, Rear: Aluminum, Footpad: LSR
<b>LED</b>	1 x Charge Indicator, 1 x Power Indicator, 1 x SSD Indicator
<b>Dimensions</b>	402.8 x 262.6 x 23.13mm
<b>Weight</b>	2.2Kg
<b>Thermal</b>	Fanless Design
<b>VESA Mount</b>	75 x 75mm, M4 Screw

### ENVIRONMENTAL

<b>Temperature:</b>	
- <b>Operation</b>	-10°C to 40°C
- <b>Storage</b>	-20°C to 60°C
<b>Humidity</b>	1% to 95% Non-condensing, -20°C to 60°C
<b>Thermal Shock</b>	-20°C to 60°C Within 5 Minutes, Non-operating

### REGULATORY

<b>Certification</b>	FCC, CE, RoHS, IEC 60601-1, IEC 60601-1-2
<b>Battery</b>	IATA, UN38.3, IEC 62133

## DIMENSIONS AND SYSTEM LAYOUT



## OPTIONAL ACCESSORIES



Docking Station



Kickstand



VESA Mount to Medical Cart

## MARKET & APPLICATIONS:

**Medical:** Surgery Room, Ambulance, Medical Carts, and Mobile Medical Imaging System