



## FEATURES

- 8" IPS LCD Screen (1200 x 800 Resolution)
- Octa-core ARM Cortex-A53 Processor
- Android or Linux OS
- IP65 Water & Dust Protection
- 4ft Drop / Shock Protection (MIL-STD-810G)
- Long Life Battery - Up to 8 Hours Runtime
- 10-Point Capacitive Touchscreen
- Options: Barcode Reader, Fingerprint Reader, NFC Reader, GPS

For do-anything computing power in a more efficient tablet size, MJ-80 8" Rugged Medical Grade Tablet PC is the perfect choice. This compact tablet features the most popular options of our larger medical grade tablets, at a size equipped for easy carrying and use all around a medical facility. Options like a fingerprint reader to keep operations secure and streamlined. It's rugged specifications for waterproof and shockproof durability and integrated GPS features make this a perfect application for any industry.

## SPECIFICATIONS

### RUGGEDNESS

<b>IP Rating</b>	IP65
<b>Drop Rating</b>	MIL-STD-810G, 4ft to Plywood on 26 Corners
<b>Shock Rating</b>	MIL-STD-810G, Method 516.8, Procedure I
<b>Vibration Rating</b>	MIL-STD-810G, Method 514.6, Procedure I, Category 4, Category 20, Category 24
<b>ESD Protection</b>	6KV Touch, 8KV Air
<b>EMC Test</b>	Follows FCC

### SYSTEM

<b>Processor</b>	RockChip RK3368, 1.5GHz, Octa-core Cortex-A53
<b>GPU</b>	G6110 GPU 4K@60fps H.265 HDMI 2.0 with HDCP 2.2
<b>Memory</b>	2GB LPDDR3 <b>Optional:</b> 4GB LPDDR3
<b>Storage</b>	32GB eMMC v5.1 <b>Optional:</b> 64GB eMMC v5.1
<b>OS</b>	Android 7.1 (Up Gradable to the Latest Version) <b>Optional:</b> Linux

### DISPLAY

<b>Screen Size</b>	8" IPS LCD
<b>Resolution</b>	1200 x 800
<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 Chemically Hardened Cover Glass <b>Glass Coating Optional:</b> Anti-Reflective, Anti-Glare, Anti-Fingerprint

### COMMUNICATIONS

<b>Wi-Fi</b>	802.11 a/b/g/n/ac Dual-Band 2.4GHz & 5GHz
<b>Bluetooth</b>	Bluetooth v4.0
<b>GPS (Optional)</b>	Tracks Up to 16 Satellites, 1575.42MHz Device GPS Accuracy < 15m, 95% Typical Velocity Accuracy 0.05m/s Heading Accuracy 0.3 Degrees Horizontal Position Accuracy < 10m

### POWER

<b>AC Adapter</b>	110-240V AC Input, 12V DC 3A Output, Standard US Plug <b>Optional:</b> Medical AC Adapter
<b>Battery</b>	24Wh Battery, Li-on Polymer, 2S1P, 7.4V 3200mAh

### I/O INTERFACE

<b>Sensors</b>	Gyroscope, Light Sensor, Compass
<b>Audio</b>	1 x Built-in Microphone 1 x Internal 8ohm 1W speaker
<b>Camera</b>	Front Camera: 2MP Rear Camera: 8MP with Auto Focus
<b>Ports</b>	1 x USB 2.0 1 x Micro USB 1 x Micro HDMI Output Type D 1 x Audio Jack 1 x DC Jack
<b>Buttons</b>	Power On/Off Button, Volume+/- Button 2 x Programmable Buttons

### EXTENDED MODULES

<b>Extended Modules</b>	NFC Module: ISO/IEC 14443A/B, 15693/18092
<b>(Optional)</b>	Barcode Reader Fingerprint Reader

### MECHANICAL

<b>Chassis</b>	Front: Plastic + TPU Rubber, Rear: Plastic
<b>Dimensions</b>	237 x 159 x 17mm
<b>Weight</b>	750g

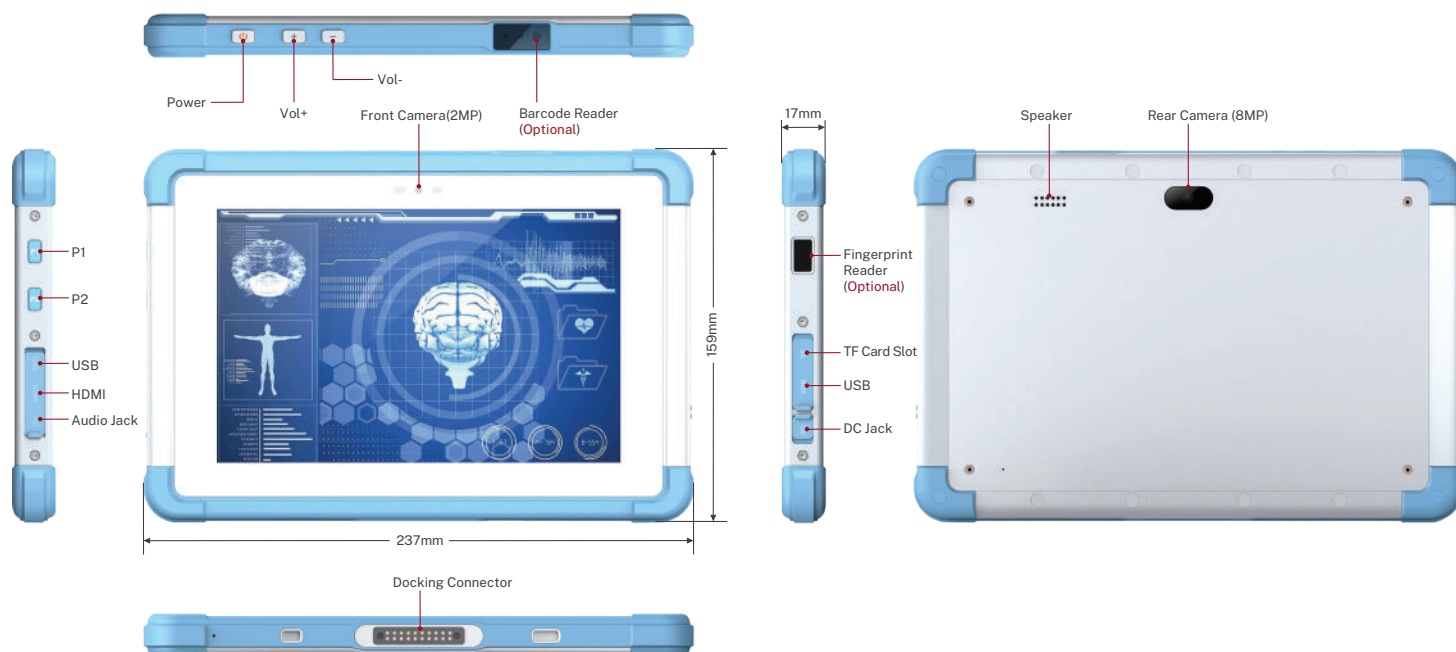
### ENVIRONMENTAL

<b>Temperature:</b>	
- Operation	0°C to 45°C
- Storage	-20°C to 60°C
<b>Humidity</b>	10% to 95% Non-condensing
<b>RoHs</b>	Compliant

### REGULATORY

<b>Certification</b>	FCC, IATA, IEC62133, IEC60601-1
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## DIMENSIONS AND SYSTEM LAYOUT



## OPTIONAL ACCESSORIES



Docking Station

## MARKET & APPLICATIONS:

**Medical:** Patient and drug data input, Registration

**Retail:** Data input, Stock management

**Warehouse management**

**Logistics:** In/Out scanning, Delivery tracking