



FEATURES

- 8" IPS LCD Screen (1200 x 800 Resolution)
- Fast Octa-Core Cortex-A53 ARM Processor
- Android or Linux (Custom Projects) OS
- IP-65 Water & Dust Protection
- 4ft Drop/Shock Protection (MIL-STD-810G)
- Long Life Battery - up to 8 Hours Runtime
- 10-Point Capacitive Touchscreen
- Options: Barcode, Fingerprint, NFC Reader & GPS

For do-anything computing power in a more efficient tablet size, Estone Technology's 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

Waterproof	IP-65 IEC60529
Drop Rating	MIL-STD-810G, 4ft to Plywood on 26 Corners
Shock Rating	MIL-STD-810G, Method 516.6, Procedure I, 40g 11ms
Vibration Rating	MIL-STD-810G, Method 514.6, Procedure I, Category 4, Category 20, Category 24
ESD Protection	6KV Touch, 8KV Air
EMC Test	Follows FCC

SYSTEM

Processor	RockChip RK3368, 1.5GHz, Octa-core Cortex-A53
GPU	G6110 GPU 4K@60fps H.265 HDMI 2.0 with HDCP 2.2
Memory	2GB LPDDR3-1866 Options: 4GB LPDDR3-1866
OS	Android 7.1 Options: Linux (Custom Projects)
Storage	32GB eMMC v5.1 Options: 64GB eMMC v5.1

DISPLAY

Screen Size	8" IPS
Resolution	1200 x 800
Brightness	300 NIT
View Angle	+/- 85°
Contrast Ratio	800:1
Touch Screen	Capacitive 10-Point Multi-Touch Chemically Hardened Cover Glass Glass Coating Options: Anti-Reflective Anti-Glare Anti-Fingerprint

COMMUNICATIONS

Wi-Fi	AP6255, 802.11 a/b/g/n/ac Dual-Band 2.4G & 5G
Bluetooth	Bluetooth v4.0
GPS (Option)	Tracks Up to 16 Satellites, 1575.42 MHz Device GPS Accuracy < 15m, 95% Typical Velocity Accuracy 0.05m/s Heading Accuracy 0.3 Degrees Horizontal Position Accuracy < 10m
NFC (Option)	Compliant with ISO/IEC 14443 A/B, 15693/18092, Distance 2.5mm

I/O INTERFACE

Sensors	Gyroscope Light Sensor Compass
Audio	1x Built-In Microphone 1x Internal 8ohm 1W speaker
Camera	Front Camera: 2MP Rear Camera: 8MP with Auto Focus
Ports	1x USB 2.0 1x Micro USB @1A 1x Micro HDMI Output Type D 1x Audio Jack (3.5mm, 4 Pole, MIC input) 1x DC Jack 5.5mm OD Jack
Buttons	Power Button Volume +, Volume - 2x Programmable
Barcode Reader (Option)	Newland NLS-EM2096, Built-In 1D/2D
Fingerprint Reader (Option)	Capacitive

MECHANICAL

Chassis	Front: Plastic + TPU Rubber, Back: Plastic
Dimensions	237 x 159 x 17mm
Weight	.75kg

POWER

AC Adapter	12V DC 3A Output, 100-240V AC input, Standard US Plug Options: Medical AC Adapter Multi-Nation Plugs
Battery	24WHh Battery, Li-on Polymer, 2S1P, 7.4V 3200mAh

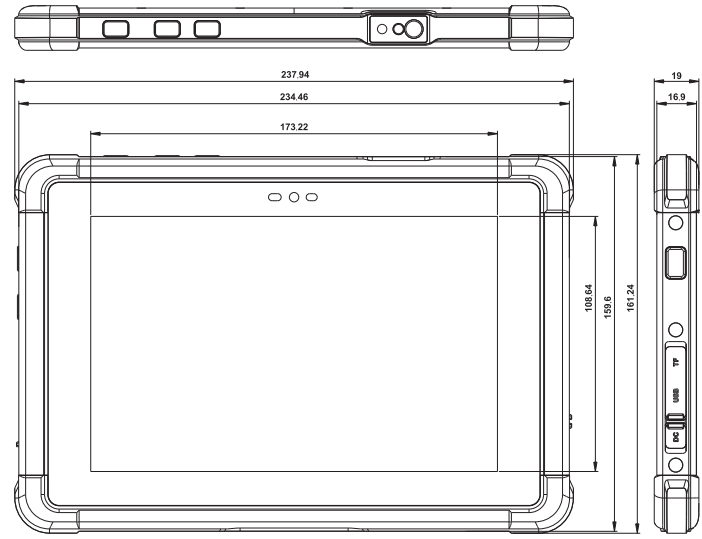
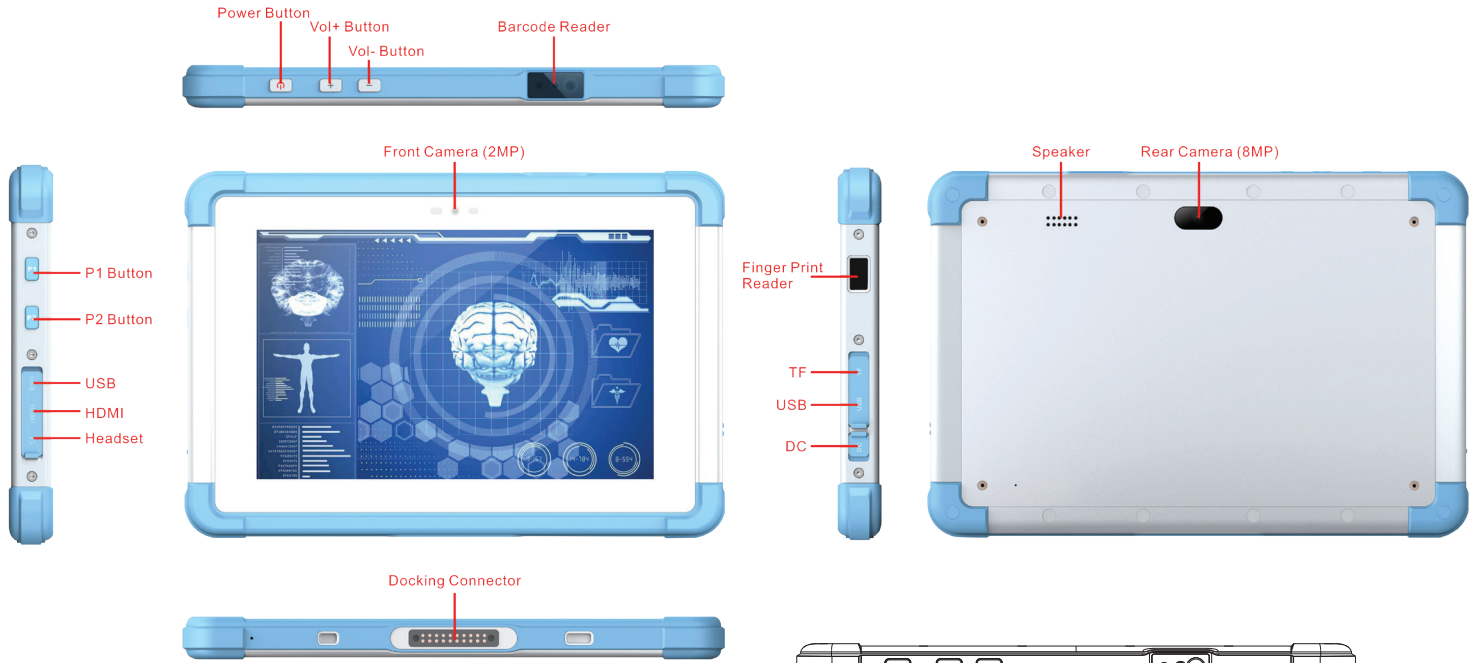
ENVIRONMENTAL

Operating Temp	0°C to 45°C
Storage Temp	-20°C to 60°C
Humidity	10% to 90%
RoHS	Compliant

REGULATORY

Certification	FCC, IATA, IEC62133, IEC60601-1
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*Specifications are representative. Specific product technology may be different than indicated.



ODM OPTIONS

SYSTEM

Memory 4GB LPDDR3-1866
 Storage 64GB eMMC v5.1
 OS Linux (Custom Projects)

DISPLAY

Glass Coating Options Anti-Reflective
 Anti-Glare
 Anti-Fingerprint

COMMUNICATIONS

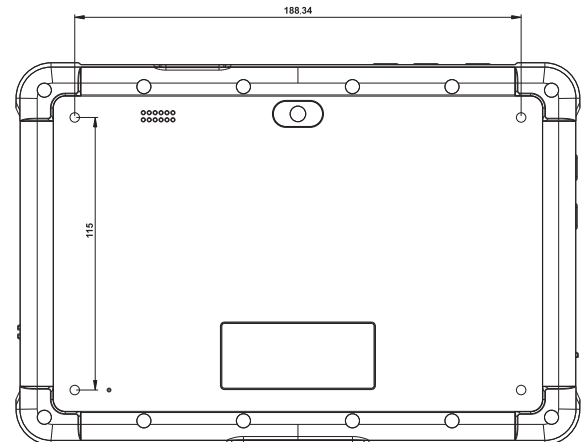
GPS Tracks Up to 16 Satellites, 1575.42 MHz
 Device GPS Accuracy < 15m, 95% Typical
 Velocity Accuracy 0.05m/s
 Heading Accuracy 0.3 Degrees
 Horizontal Position Accuracy < 10m
 NFC Compliant with ISO/IEC 14443 A/B, 15693/18092, Distance 2.5mm

I/O INTERFACE

Barcode Reader Newland NLS-EM2096, Built-In 1D/2D
 Fingerprint Reader Capacitive

POWER

AC Adapter Medical AC Adapter
 Multi-Nation Plugs



ACCESSORIES



Docking Station