FEATURES

- 10.1" IPS LCD Screen (1920 x 1200 Resolution)
- Rockchip RK3399 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 Reader, GPS & 4G LTE

For peak efficiency in a do-anything rugged tablet, there's no better choice than Estone Technology's Android-powered MJ-100 tablet. Featuring MIL-STD-810G rugged construction, an efficient Rockchip CPU and plenty of available features and options including barcode reader, GPS and 4G LTE connectivity.

SPECIFICATIONS

RUGGEDNESS

Waterproof	IP-65 IEC60529
Drop Rating	MIL-STD-810G, 4ft to Plywood on 4 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
ESD Protection	4KV Touch, 8KV Air
EMC Test	Follows FCC

SYSTEM

Processor	RockChip RK3399, 1.8GHz, Dual-core Cortex-A72, Quad-core Cortex-A53
GPU	Mali-T860MP4
Memory	2GB LPDDR3 **Options:** 4GB LPDDR3
OS	Android 7.1 **Options:** Linux (Custom Projects)
Storage	32GB eMMC v5.1 **Options:** 64GB eMMC v5.1 128GB eMMC v5.1

DISPLAY

Screen Size	10.1" IPS
Resolution	1920 x 1200
Brightness	250 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
4G LTE (Option)	LTE FDD, LTE TDD, WCDMA, HSPA+, TD-SCDMA, GSM, GPRS, GEDGE Band 850, 900, 1800, 1900 (MHz)
GPS (Option)	UBlox7 Tracks Up to 16 Satellites, 1575.42 MHz Device GPS Accuracy < 15m, 95% Typical Velocity Accuracy 0.05m/s Heading Accuracy 0.3 Degrees

I/O INTERFACE

Sensors	Gyroscope
Audio	1x Built-In Microphone 1x Internal 8ohm 1W speaker
Camera	Front Camera: 2MP Rear Camera: 8MP with Auto Focus
Ports	1x USB 3.0 @ 1A Type A 1x Micro USB 2.0 @ 1A 1x HDMI Output Type D 1x Audio Jack (3.5mm, 4 Pole, MIC input) 1x DC Jack 5.5mm OD Jack 1x Docking Connector (DC Input, 1 USB) 1x TF Card Slot (Micro SD), Up to 64GB SDXC, SDHC, to SD 3.0
Buttons	Power Button Volume +, Volume -
Barcode Reader (Option)	2D: PDF147, QR code 1D: Code 128, 39, 11, 93, GS1, UPC A & E.

MECHANICAL

Chassis	Front: Plastic + TPU Rubber, Rear: Magnesium + Rubber
Dimensions	275 x 193 x 18.8mm
Weight	1.05kg

POWER

AC Adapter	12V DC 3A Output, 100-240V AC input, Standard US Plug **Options:** Medical AC Adapter Multi-Nation Plugs
Battery	30Wh, Li-on Polymer, 2S1P (3.8V 8000mAh)

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

*Specifications are representative. Specific product technology may be different than indicated.

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Barcode Reader

Front-facing Camera

Rear Camera

HDMI

USB2.0

Mic

TF

10:08
Jan. 11th Wed.

Power Button

Vol+ Button

Vol- Button

USB

DC

Docking Connector

ODM OPTIONS

SYSTEM

Memory	4GB LPDDR3
Storage	64GB eMMC v5.1
	128GB eMMC v5.1
OS	Linux (Custom Projects)

DISPLAY

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

COMMUNICATIONS
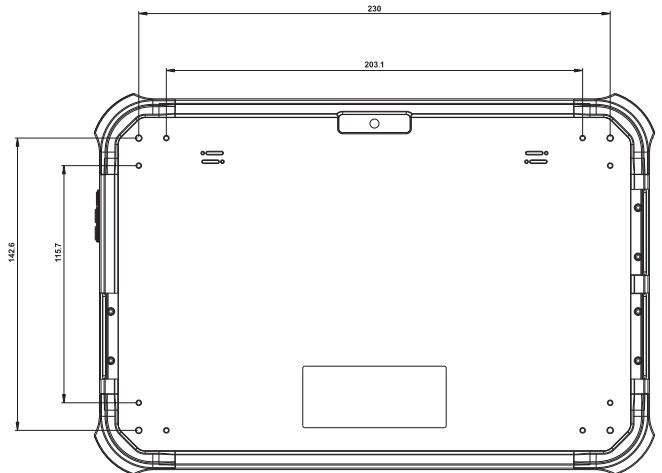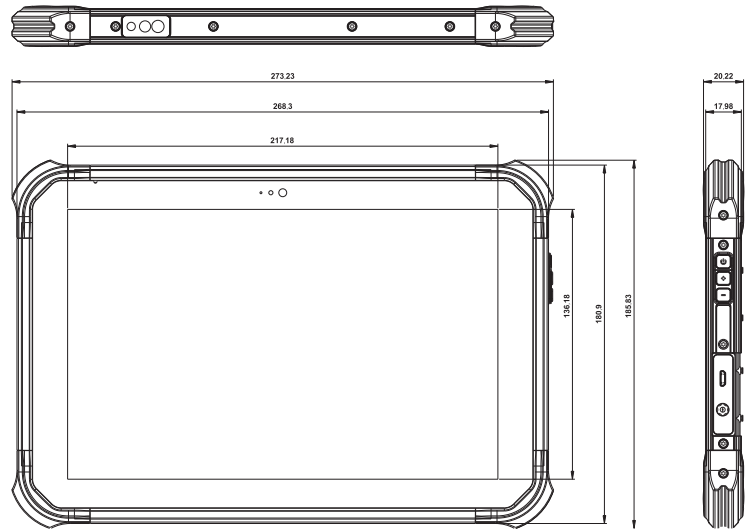
4G LTE	LTE FDD, LTE TDD, WCDMA, HSPA+, TD-SCDMA, GSM, GPRS, GEDGE
	Band 850, 900, 1800, 1900 (MHz)
GPS	UBlox7
	Tracks Up to 16 Satellites, 1575.42 MHz
	Device GPS Accuracy < 15m, 95% Typical
	Velocity Accuracy 0.05m/s
	Heading Accuracy 0.3 Degrees

I/O INTERFACE

Barcode Reader	2D: PDF147, QR code
	1D: Code 128, 39, 11, 93, GS1, UPC A & E.

POWER

AC Adapter	Medical AC Adapter
	Multi-Nation Plugs

ACCESSORIES

Docking Station

273.23
268.3
217.18
136.18
180.9
185.83
20.22
17.98

230
203.1
142.6
115.7

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