

MJ-100

10.1" Rugged Tablet PC



Features

- ▶ 10" Rugged Tablet
- ▶ Fast Cortex A-72 6-Core ARM Processor
- ▶ Android 7.0 Operating System
- ▶ 10-Point Capacitive Touchscreen
- ▶ Optional 4G LTE, & GPS Modules
- ▶ IP65 Water & Dust Protection
- ▶ 4' Drop/Shock Rating (MIL-STD-810G)
- ▶ Long Battery Life, up to 8 Hours

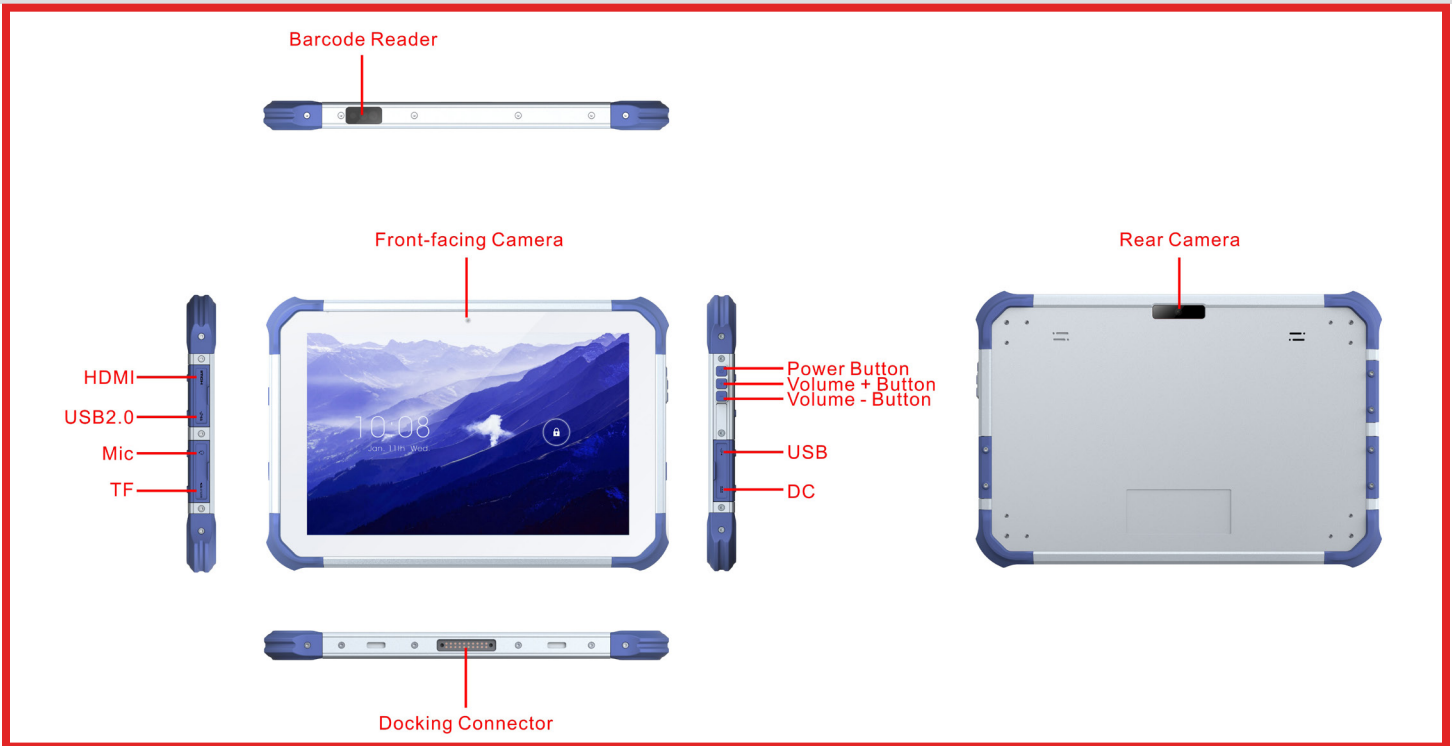
Specifications

Ruggedness	IP65 Waterproof 4ft Drop Resistant (Corners on Plywood, MIL-STD-810G) Shock Resistant (MIL-STD-810G Method 516.6) ESD Protection: 4KV Touch, 8KV Air	GPS (option)	Track 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 Minimum Velocity Accuracy: 10m/s
Processor	Cortex ARM Processor RK3399, 1.8GHz Option: Dual Core A-72 - High Performance Option: Quad Core A-53 - Low Power Use	Sensors	G-Sensor
GPU	Mali-T860MP4 GPU - Supports OpenGL ES1.1/2.0/3.0, OpenCL 1.2, DirectX 11, 4K Video Codec	Battery	1x 30WH Li-On Polymer Battery, 2S1P, 3.8V, 8000MAH, 8 Hour Runtime
OS	Android 7.0	I/O	1x USB 3.0; Type A @1A 1x MicroUSB 2.0 @ 1A 1x HDMI Out; Type D 1x Audio Jack, (3.5mm, 4 pole, Supports MIC In) 1x DC Jack, 5.5mm OD 1x TF Jack, Supports up to 64GB SDXC, SDHC, Up to SD 3.0) 1x Docking Port; POGO connector
System Memory	2GB LPDDR3-1866 Option: 4GB LPDDR3	Barcode (option)	2D: PDF147, QR Code 1D: Code 128, 39, 11, 93, GS1, UPCA&E
Storage	32GB eMMC 5.1 Option: 64GB, 128GB, 256 GB	Mechanical	Front Chassis: Plastic & TPU Rubber Rear Chassis: Magnesium & Rubber Dimensions: 275 x 193 x 18.8mm Weight: 1.05KG
Buttons	Power On/Off (Hold for System Reset)	AC Adaptor	12V, 3A Output 110-240 VAC in, Standard US Plug Option: Multi-Nation Plugs
LCD	10.1" IPS, 1200x1920 Resolution, 250 NIT Anti-Reflective (AR), Anti-Glare (AG), Anti-Fingerprint (AF)	Environmental	Operating Temp: 0 - 45°C Storage Temp: -20 - 60°C Humidity: 10%-90% ROHS: Compliant
Touchscreen	Capacitive 10-Point Multi-Touch Chemically Hardened Cover Glass (7H+)	Regulatory	FCC IATA
Audio	Built-In Microphone One Internal 1.0W Speaker		
Camera	Front Camera: 2MP Rear Camera: 8MP w/ Auto-Focus		
Wireless	Wifi 802.11 a/b/g/n/ac Bluetooth 4.0 Optional NFC		
4G LTE (option)	M2 Socket 4G LTE Module, Carrier Certification Available, LTE FDD/LTE TDD/WCDMA/HSPA+/TD-SCDMA/GSM/GPRS/GEDGE Supports Bands 850/900/1800/1900 MHz		

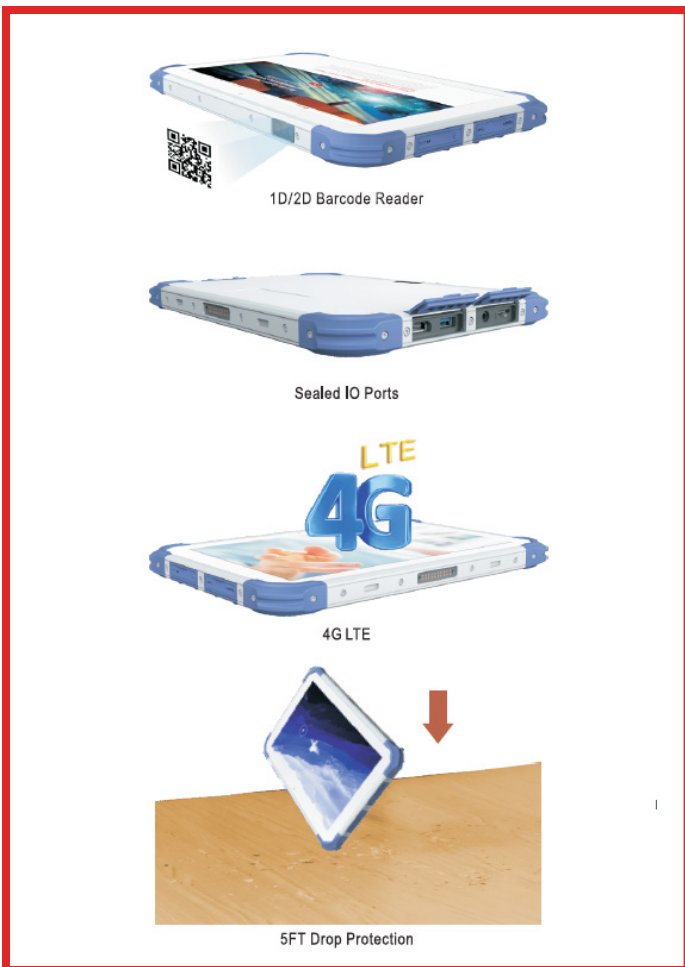
Product Notes: Specifications subject to change without notice. Storage Capacity, Battery Life, and other quoted specs may be approximated

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Special Features



Order Options

CPU: Cortex ARM Processor RK3399, Dual Core Cortex A-72, Quad Core Cortex A-53

RAM: 2GB LPDDR3-1866MHz RAM, 4GB LPDDR3-1866MHz RAM

Storage: 32GB eMMC v5.1, 64GB eMMC v5.1, 128GB eMMC v5.1

4G LTE: Fibocom L710-CD (M2 Interface)
LTE FDD/LTE TDD/WCDMA/HSPA+/TD-SCDMA/GSM/GPRS/GEDGE

4G LTE #2: Sierra EM7455 4G LTE Module, M2 Format
4G: Cat-6, Bands: B1-B5, B7, B12, B13, B20, B25, B26, B29, B30, B41
3G: HSPA+, UMTS, Bands: B1, B2, B3, B4, B5, B8
CE, FCC, GCF, IC, NCC, PTCRB

GPS: Ublox-7 (on-board module), supports GPS/QZSS L1C/A, GLONASS L1 FDMA, SBAS: WAAS, EGNOS, MSAS

Barcode Reader: Newland NLS-EM3296 1D/2D (QR) Barcode Reader
2D: PDF417, QR Code (QR1/2, Micro), Data Matrix (ECC200, ECC000, 050, 080, 100, 140)
1D: Code128, UCC/EAN-128, AIM128, EAN-8, EAN-13, ISBN/ISSN, UPC-E, UPC-A, Interleaved 2 of 5, ITF-6, ITF-4, Matrix 2 of 5, Industrial 25, Standard 25, Code 39, Codabar, Code 93, Code 11, Plessey, MSI-Plessey, GS1-DataBarTM(RSS) (RSS-14, RSS-Limited, RSS-Expand)

LCD: AR, AG, AF Coatings

Accessories



AC Adaptor



Docking Station