

# MD-100

## 10.1" Rugged Tablet PC



### Features:

- ▶ Medical or Industrial Applications
- ▶ Intel Apollo Lake or Kaby Lake CPU
- ▶ Fully IP65 Waterproof
- ▶ 4ft Drop, Mil-Std-810G Standard
- ▶ Optional Sunlight Readable LCD
- ▶ Optinal Modules: 4G LTE, Smart Card, Barcode Readers, RFID, Fingerprint
- ▶ Supports Windows 10 or Linux
- ▶ IEC 60601 Medically Certified
- ▶ Molded Handle & Programmable Buttons

### Product Notes:

Specifications subject to change without notice.

Separately sold accessories, celular data plans, or other separate purchases may be necessary for all features.

Data storage capacity, battery life, and other quoted specs may be approximated.

Available in 4 different models: MD-100W (White, Intel Apollo Lake N4200 Processor), MD-100B (Black, Intel Apollo Lake N4200 Processor), MDK-100W (White, Intel Kaby Lake Core i5 Processor), MDK-100B (Black, Intel Kaby Lake Core i5 Processor).

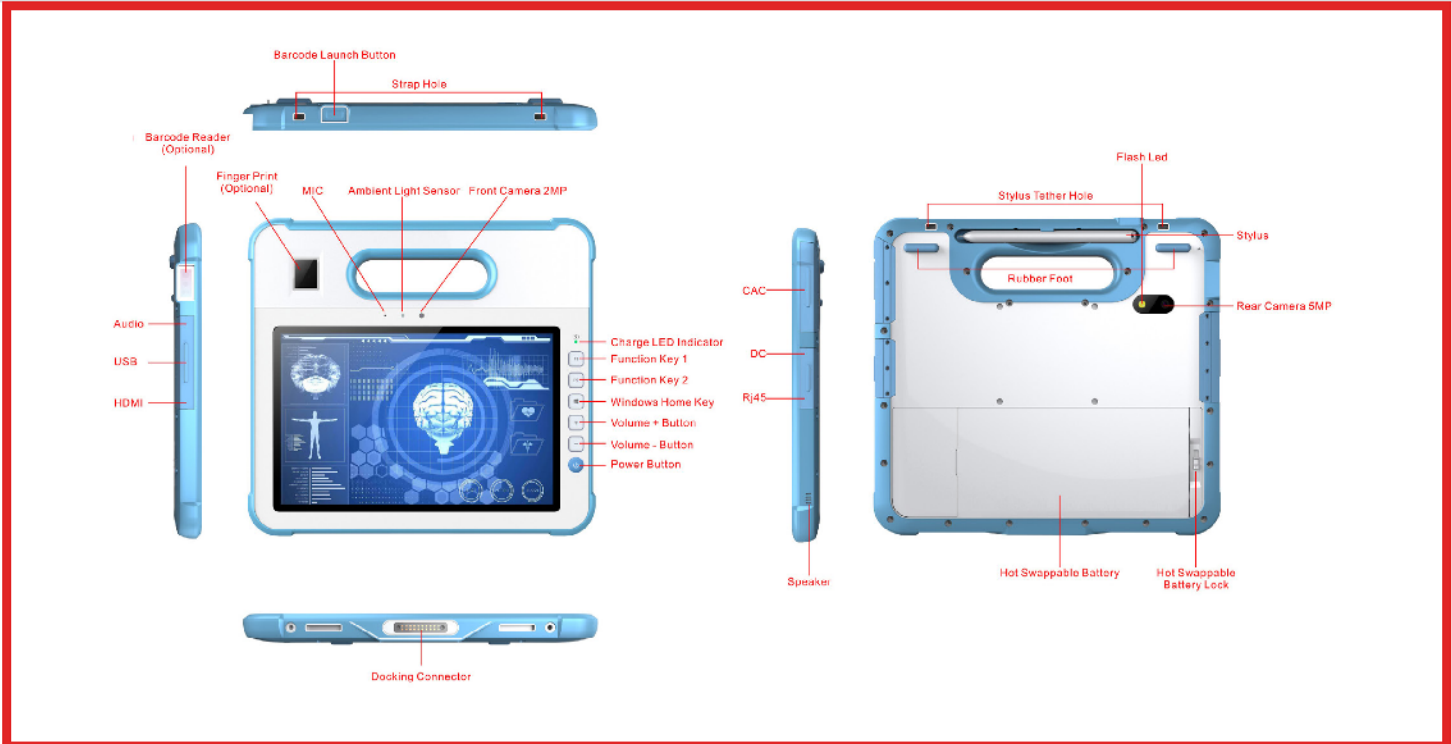
Chassis customization available for specific applications

### Specifications:

Item	Description	Item	Description
Operating System	Windows 10 Home/Pro/lot or Linux	GPS	Ublox 7 GPS Module
Processor	Intel Apollo Lake N4200 CPU, 1.1GHz Base, 2.5GHz Turbo  Option: Kaby Lake i5-7Y54 CPU 1.2 GHz Base, 3.2GHz Turbo, 4M L3	I/O	1x USB 2.0: Type A @1A 1x Ethernet: RJ45, 10/100M 1x HDMI Output: Type A 1x Audio Jack (3.5mm, 4 Pole) 1x DC Jack: 5.5mm 1x Docking Port (DC Charging & USB)
GPU	Intel HD Graphcis 505	Battery	1x 50WH Hot Swappable Li-On Polymer Battery, 3S1P 1x Internal 5WH Li-On Polymer Battery, 2S1P
Memory	4GB LPDDR3-1866MHz	AC Adaptor	12VDC, 3.3A Output, 110-240VAC Input, US Standard Plug
Storage	128GB SSD, m.2 (2280) Interface, SATA3.0, 6.0GB/s	Mechanical	Front Chassis: Dual Injection Mold Rear Chassis: Dual Injection Mold Dimensions: 280*256*22mm Weight: < 1.2KG
LCD	10.1" IPS LCD, 1920x1200 Resolution, 400NIT Brightness  Option: 800NIT Outdoor/Sunlight	Environmental	Operating Temp: 0-50°C Storage Temp: -20-60°C Humidity: 10%-90% Non Condensing
Touchscreen	Capacitive 10-Point Multi-Touch	Regulatory	FCC CE IEC 60601-1 IATA for International Shipping
Audio	Built-In Microphone One Internal 1.0W Speaker	Accessories	Docking Station Digitizer Pen
Wireless	802.11 a/b/g/n/ac Bluetooth 4.2		
Imaging	Front Camera: 2MP Rear Camera: 5MP w/ AutoFocus & Flash		
Sensors	Gyroscope Compass Light Sensor		

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### Special Features



### Order Options

(minimum order quantity may apply for some options)

**CPU:** N4200 or Core i5-7Y54 (N3350, Core i3-7Y30, Core i7-7Y75 also available, MOQ 500 Units)

**LCD:** 400NIT LCD Display (800NIT Outdoor Readable Display also available, MOQ 500 Units)

**RAM:** 4GB or 8GB RAM for MD-100, 16GB RAM for MDK-100

**Storage:** 256GB/512GB/1TB SSD; industrial grade SSD is available

**4G LTE:** Cat-6; Supports GPS, Glonass, Beidou, Galileo; CE, FCC

**Barcode Reader:** Built-in 1D/2D (QR) Barcode Reader

**SmartCard Reader:** Imprivata Approval; Supports Windows, Linux; Compliant w/ Microsoft WHQL, EMV2000 Level 1, ISO7816, CCID

**RFID Reader:** Imprivata Approval; ISO 14443 A/B, ISO 15693; Supports Windows, Linux, (Not available w/ SmartCard Reader Option)

**Fingerprint Reader:** Imprivata Approval; FIPS 201

**NFC Reader:** 13.56 MHz, ISO/IEC 14443 A/B, ISO 15693/18092 (Not available w/ RFID Reader Option)

### Accessories



AC Adaptor



Digitizer



Docking Port