



323MD Rugged Tablets

Slim, Antimicrobial, ANSI/AAMI ES60601-1 Certified Tablets for Efficient Operation

The 323MD Rugged Medical Tablet features the integration of a high-brightness 13.3" touchscreen and high-performance, energy-efficient Intel® Core™ processor within a slim, lightweight, durable package. With built-in back camera, Wi-Fi and BT connectivity, optional 2D barcode scanner, NFC/RFID Reader, front camera, and other optional data capture modules, this medical tablet serves as an effective tool to streamline the process of monitoring, recording, and retrieving patient data. The design of hot-swappable batteries enables continuous and stable operation during battery replacement, hence allowing healthcare professionals to work uninterrupted. Ideal for hospitals, clinics, and other healthcare facilities.



Features

- 13.3" LED-Backlit, sunlight-readable (1000 nits) touchscreen, digital pen support
- Intel® Core™ i5/i7 processor
- Microsoft® Windows® 10/11 IoT Enterprise operating system
- NIST compliant BIOS available
- IP65-rated for water and dust resistance
- MIL-STD-810H for shock and vibration protection
- ANSI/AAMI ES60601-1 certified with antimicrobial enclosure
- Detachable keyboard option for 2-in-1 applications
- Built-in 8 MP back camera
- Quick Access SSD

Major Options

- 2D Barcode Scanner (Reads 1D and 2D)
- 5 MP Front Camera
- GPS Module
- 4G/5G
- NFC/RFID Reader

Specifications



Model	323MD
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System

CPU	Intel® Core™ i5-1335U, 10-Core, up to 4.6 GHz Intel® Core™ i7-1355U, 10-Core, up to 5.0 GHz
RAM	8GB to 16GB
Storage	512GB to 1TB Flash *Support quick access SSD function to easily replace the SSD without opening the back cover.
Operating System	Microsoft® Windows® 10/11 IoT Enterprise
NIST Compliance	NIST Compliant BIOS Available
Display	13.3" LED-Backlit, Sunlight-Readable (1000 nits) Touchscreen
Display Resolution	1920 x 1080
Camera	8 MP Back Camera
Speaker	Built-In Speaker
Microphone	Built-In Microphone

Network Interface

WLAN	Wi-Fi 802.11ax, 2.4/5/6 GHz Three Band
BT	5.3

I/O Ports

USB Ports	1 x USB 3.0, 1 x latest USB/charging
Ethernet Port	1 x Ethernet 10/100/1000MB Base-T LAN
DC IN	1
Switches and Buttons	1 x Power Button; 2 x Brightness Buttons; 5 x Programmable Buttons

Mechanical and Environmental

AC/DC Adapter	Input: 100 to 240V AC; Output: 19V DC, 3.78A
Enclosure	ABS + PC Plastic and Magnesium-Aluminum Alloy
Battery Pack	Hot-swappable Battery (11.4V, 3800mAh) (Optional) 60W Hot-swappable Battery (11.4V, 5400mAh) (Optional) 90W Hot-swappable Battery, (11.4V, 8000mAh)
Dimensions (H x W x D)	12.8 x 10.7 x 0.8 in/325 x 273.5 x 20 mm
Weight	3.81 lbs/1.72 kg
Temperature	Operation*: -10°C to 60°C (14°F to 140°F) Optional -30°C to 60°C (-22°F to 140°F) *For battery safety and optimal functionality and performance, the recommended usage temperature range is from -10°C to 45°C (14°F to 113°F) Storage: -55°C to 70°C (-67°F to 158°F)
Humidity	0% to 90% Non-Condensing
Certifications	FCC/IC, CE/CB, ANSI/AAMI ES60601-1, RCM
Durability	IP65, MIL-STD-810H Certified

Major Options

Barcode Scanner	2D Barcode Scanner (Reads 1D and 2D)
Camera	5 MP Front Camera
GNSS	GPS
Mobile Broadband	4G/5G
NFC/RFID Reader	Dual Frequency(Reads 125 KHz and 13.56 MHz Credentials)

* Specifications subject to change without notice.

Accessories

Digital Pen

Pen Tip	Diameter: 0.059 in/1.5mm, replaceable
Buttons	2 side buttons (right-click and eraser)
Battery	1 AAAA, replaceable
Color	Black
Dimensions	Length: 5.5 in/140 mm (including pen tip) Diameter: 0.38 in/9.7 mm
Weight	0.055 lbs/25 g



Slim Detachable Keyboard

Designed to connect to 323MD tablet without switching and pairing.



Rubber Keyboard

Easy to clean and disinfect with a magnetic hinge, and ideal for healthcare environments.



Battery Charging Kits



Battery Pack

