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" sunlight readable touchscreen, digital pen supported
- 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
- MIL-STD-461G for EMI and EMC tolerance
- ANSI/AAMI ES60601-1 certified with antimicrobial enclosure
- Detachable keyboard option for 2-in-1 applications
- Built-in 8MP Back Camera
- Quick Access SSD

Major Options

- Barcode scanner
- 5MP Front Camera
- GPS module
- 4G/5G
- NFC/RFID reader

Specifications

Model	323MD

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	8MP Back Camera

Network Interface

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

I/O Interface

AC/DC Adapter	Input: 100-240V AC; Output: 19V DC, 3.78A
Speaker	Built-In Speaker
Microphone	Built-In Microphone
USB Ports	1 x USB 3.0, 1 x USB Type-C
Ethernet Port	1 x Ethernet 10/100/1000MB Base-T LAN
DC IN Jack	1
Switches & Buttons	1 x Power Button; 2 x Brightness Buttons; 5 x Programmable Buttons
DC IN Jack	1
Switches & Buttons	1 x Power Button; 2 x Brightness Buttons; 5 x Programmable Buttons

Mechanical and Environmental

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% – 90% Non-Condensing
Certifications	FCC/IC, CE/CB, ANSI/AAMI ES60601-1, RCM
Durability	IP65, MIL-STD-810H and MIL-STD-461G Certified

Major Options

Barcode Scanner	2D Barcode Scanner (Reads 1D & 2D)
Camera	5MP Front Camera
GNSS Module	GPS Module with Concurrent Reception of GPS and GLONASS; Industry Leading - 167dBm Navigation Sensitivity
Mobile Broadband	4G/5G
NFC/RFID Reader	Dual Frequency(Reads 125 KHz & 13.56 MHz Credentials)

* Specifications subject to change without notice.

Product Configurator

www.dtresearch.com

101824 323MD ENG

www.dtresearch.com/productconfig