323MD
Rugged Tablets

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

The 323MD Rugged Tablets feature the integration of high-brightness 13.3" touchscreens and high performance, energy-efficient Intel® Core™ processor within slim, lightweight,durable packages. With a built-in Wi-Fi as well as options for front/ back cameras, barcode scanner and GNSS data capture modules these robust tablets offer seamless information capture and transmission for improved workflow. Rated IP65, MIL-STD-810H/461G certified with a wide temperature range, the 323MD Rugged Tablets provide reliable operation in harsh, mission-critical environments.

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

Major Options

- Front and back cameras
- Barcode scanner
- GPS module
- 4G LTE/AWS

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 32GB
Storage	64GB to 1TB Flash
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

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
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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 & 8MP Back Camera
GNSS Module	GPS Module with Concurrent Reception of GPS and GLONASS; Industry Leading - 167dBm Navigation Sensitivity
Mobile Broadband	4G LTE/AWS

* Specifications subject to change without notice.

Product Configurator

www.dtresearch.com/productconfig