323PA/MD
Rugged Medical Tablets

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

The Rugged Medical Tablets feature the integration of high-brightness 13.3" touchscreen and high performance, energy efficient Intel® Core™ Ultra processor within slim, lightweight, durable casing. With a built-in Wi-Fi module as well as options for front/ back cameras, smart card/CAC reader, barcode scanner, and GNSS data capture modules, this robust tablet offer seamless information capture and transmission for improved workflow. Rated IP65, MIL-STD- 810H certified with a wide temperature range, the Rugged Medical Tablets provide reliable operation in harsh, mission-critical environments.

Features

- 13.3" LED-backlit, sunlight-readable (1000 nits) touchscreen, digital pen support
- Intel® Core™ Ultra 5/7 processor
- Microsoft® Windows® 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 13 MP back camera
- CBRS for private network service support
- Quick Access SSD

Major Options

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

* 4G module, 2D Scanner and GPS cannot be built onto same device.

Specifications

Model	323PA/MD

System

CPU	Intel® Core™ Ultra 5 Processor 225U, 12 core (up to 4.80 GHz) Intel® Core™ Ultra 7 Processor 255U, 12 core (up to 5.20 GHz)
RAM	16G to 32G LPDDR5
Storage	512GB to 4TB *Support quick access SSD function to easily replace the SSD without opening the back cover.
Operating System	Microsoft® Windows® 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	13 MP Back Camera
Speaker	Built-In Speaker
Microphone	Built-In Microphone

Network Interface

WLAN	Wi-Fi 802.11be, 2.4/5/6 GHz Three Band
BT	5.4

I/O Ports

USB Ports	1 x USB3.2 (Type-A), 1 x USB3.2 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, 3.42A
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 LTE/5G
RFID Reader	Dual Frequency(Reads 125 KHz and 13.56 MHz Credentials)
Smart Card/CAC Reader	Half Slot (Supports ISO 7816 T=0, T=1); 1.8V/3V/5V Smart Card

* 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 323PA/MD 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