302MD
Rugged Medical Tablets

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

The 302MD Rugged Medical Tablet features the integration of a 10.1" LED-backlit, sunlight readable (800 nits) touchscreen and a high-performance, energy-efficient Intel® Core™ processor within a slim, durable, antimicrobial enclosure. With built-in front and back cameras, Wi-Fi and BT connectivity, optional 2D Barcode Scanner, 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. Suitable for hospitals, clinics, and other healthcare facilities.

Features

- 10.1" LED-backlit, sunlight readable (800 nits) touchscreen LCD (supports digital pen)
- Intel® Core™ processor
- Microsoft® Windows® 10/11 IoT Enterprise operating system
- NIST compliant BIOS available
- Hot-swappable battery for 24/7 operation
- Built-in microphone & speaker
- Antimicrobial coating
- Detachable keyboard option for 2-in-1 applications
- IP65-rated for water and dust resistance
- MIL-STD-810G for shock and vibration protection
- 5 MP front camera/8 MP back camera
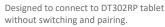
Major Options

- Barcode scanner
- 4G

Specifications

Model	302MD

System

CPU	Intel® Core™ i7-1355U, 10-Core, up to 5.0 GHz Intel® Core™ i5-1335U, 10-Core, up to 4.6 GHz Intel® Core™ U300, 5-Core, up to 4.4 GHz
RAM	8GB to 32GB
Storage	64GB to 2TB Flash
Operating System	Microsoft® Windows® 10/11 IoT Enterprise
NIST Compliance	NIST Compliant BIOS Available
Display	10.1" LED-Backlit, Sunlight Readable (800 nits) Touchscreen LCD
Display Resolution	1920 x 1200
Control Switch and Buttons	1 x Power Button, 2 x Brightness Control Buttons, 5 x Programmable Buttons
Microphone	Built-In Microphone
Speaker	Built-In 2W Speaker
Camera	5 MP Front Camera & 8 MP Back Camera

Network Interface

WLAN	Wi-Fi 802.11ax, 2.4/5/6 GHz Dual Band
BT	5.2

I/O Interface

USB Ports	1 x USB 3.0, 1 x USB Type-C (Data transmission & Power Charging)
Headset Jack	1 (3.5 mm)
Ethernet Port	1
DC-In Jack	1

Mechanical and Environmental

AC/DC Adapter	Input: 100-240V AC; Output: 19V DC, 3.78A
Battery Pack	Hot-Swappable Battery (11.4V, 3900mAh) (Optional) 60W Hot-Swappable Battery (11.4V, 5400mAh) (Optional) 90W Hot-Swappable Battery, (11.4V, 8000mAh)
Enclosure	ABS + PC plastics and magnesium-aluminum alloy with anti-microbial coating
Dimensions (H x W x D)	7.7 x 10.71 x 0.79 in/195.6 x 272 x 20 mm
Weight	3 lbs/1.32 kg
Durability	IP65 and MIL-STD-810G Certified
Regulatory	CE, FCC Class B, RoHS
Temperature	Operation: -10°C to 60°C (14°F to 140°F); Storage: -55°C to 70°C (-67°F to 158°F)
Humidity	0% to 90% Non-Condensing

Major Options

Barcode Scanner	2D Barcode Scanner (Reads 1D & 2D)
GNSS Module	U-blox M9N GNSS Module
Mobile Broadband	4G

* 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 DT302RP tablet without switching and pairing.

Battery Charging Kits

Battery Pack

Product Configurator

www.dtresearch.com/productconfig