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 back cameras, 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. Suitable for hospitals, clinics, and other healthcare facilities.

Features

- 10.1" LED-backlit, sunlight-readable (800 nits) touchscreen LCD, digital pen support
- Intel® Core™ i5/i7 processor
- Microsoft® Windows® 10/11 IoT Enterprise or Ubuntu operating system
- NIST compliant BIOS available
- Hot-swappable battery for 24/7 operation
- Built-in microphone and speaker
- Antimicrobial coating
- Detachable keyboard option for 2-in-1 applications
- IP65-rated for water and dust resistance
- MIL-STD-810H for shock and vibration protection
- 8 MP back camera
- Quick Access SSD
- Energy Star 8.0 certified

Major Options

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

*2D Scanner and 4G/5G Module cannot be built onto same device.

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
RAM	8GB to 32GB
Storage	512GB to 2TB Flash *Support quick access SSD function to easily replace the SSD without opening the back cover.
Operating System	Microsoft® Windows® 10/11 IoT Enterprise or Ubuntu
NIST Compliance	NIST Compliant BIOS Available
Display	10.1" LED-Backlit, Sunlight-Readable (800 nits) Touchscreen LCD
Display Resolution	1920 x 1200
Microphone	Built-In Microphone
Speaker	Built-In 2W Speaker
Camera	8 MP Back Camera

Network Interface

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

I/O Ports

USB Ports	1 x USB 3.0, 1 x latest USB/charging
Headset Jack	1 (3.5 mm)
Ethernet Port	1 (RJ45)
DC-In	1
Control Switch and Buttons	1 x Power Button, 2 x Brightness Control Buttons, 5 x Programmable Buttons

Mechanical and Environmental

AC/DC Adapter	Input: 100 to 240V AC; Output: 19V DC, 3.78A
Battery Pack	Hot-swappable Battery (11.4V, 3800mAh) (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-810H Certified
Regulatory	FCC/IC, CE/CB, ANSI/AAMI ES60601-1, RCM, Energy Star 8.0
Temperature	Operation: -10°C to 60°C (14°F to 140°F); Storage: -50°C to 70°C (-58°F to 158°F)
Humidity	0% to 90% Non-Condensing

Major Options

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

* 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

www.dtresearch.com

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