Rugged Medical Tablet 302MD

Slim, Antimicrobial, ANSI/AAMI ES60601-1 Certified Tablet for Efficient Operations

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 Wi-Fi and BT connectivity, optional front and back cameras, 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® 13th Generation Core™ i5 processor
- 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-810H for shock and vibration protection

Major Options

- 5 MP front camera
- 8 MP back camera
- Barcode scanner
- 4G LTE/AWS

System	302MD
CPU	Intel® Core™ i5-1335U, 10-Core, up to 4.6 GHz, Intel® Core™ i7-1355U, 10-Core, up to 5.0 GHz Intel® Core™ U300, 5-Core, up to 4.4 GHz
RAM	8GB to 32GB
Storage	256GB to 2TB Flash
NIST Compliance	NIST Compliant BIOS Available
Display	10.1" LED-Backlit, Sunlight Readable (800 nits) Touchscreen LCD
Display Resolution	1920 x 1200
Control Switch & Buttons	1 Power Button, 2 Brightness Control Buttons, 5 Programmable Buttons
Microphone & Speaker	Built-In Microphone and 2WSpeaker

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

I/O Ports	
USB Port	1 x USB 3.0, 1 x USB Type-C (Data transmission & Power Charging)
Headset Jack	1 (3.5 mm)
Ethernet	1 (RJ45)
DC-in	1

Mechanical and Environmental	
AC/DC Adapter	Input: 100-240V AC; Output: 19V DC, 3.42A
Battery Pack	Hot-Swappable Battery (11.4V, 3800mAh), Hot-Swappable Battery (11.4V, 5400mAh) (Optional) Hot-Swappable Battery, (11.4V, 8000mAh)
Enclosure	ABS + PC plastics and magnesium-aluminum alloy with anti-microbial coating
Dimensions (H x W x D)	195.6 x 272 x 20 mm
Weight	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 ,Storage: -50°C ~ 70°C
Humidity	0% – 90% non-condensing

Major Options Specs	
Barcode Scanner	2D Barcode Scanner (Reads 1D & 2D)
Camera	5 MP Front Camera & 8 MP Back Camera
GNSS Module	U-blox M8N GNSS Module
Mobile Broadband	4G LTE/AWS

Accessories

The 302MD Tablet has customised accessories to meet numerous deployment needs.

Item	Code	Description	
Digital Pen	ACC-007-35	Pen tip diameter 1.5 mm Dimensions: 9.7mm x 140.7mm 1 AAAA battery, replaceable	
Detachable Keyboard	ACC-KB302-M1	Slim and lightweight with magnetic hinge to attach/detach to the 302MD rugged tablet	
Battery Pack	ACC-006-29M (45W) ACC-006-60MD (60W) ACC-006-90MD (90W)	Hot swappable 45W, 60W or 90W	
Desktop Charging Cradle	ACC-DC300-M1	Docking support with ports for Power, USB, HDMI output and Ethernet	
Battery Charger Kit with AC Adapter and Power cord	ACC-001-34	Recharges battery pack "offline" without affecting tablet use	
AC/DC Power Adapter with Power Cord	ACC-001-53	Medical grade AC/DC adapter (72W) with Power cord	
Handstrap	ACC-010-302MD	Handstrap	
Handle kit	ACC-010-28MD	Factory installed handle kit	

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