# DM302PA
# Rugged Medical Tablets

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

The DM302PA Rugged Medical Tablet features the integration of a 10.1" LED-backlit, sunlight-readable (1,000 nits) touchscreen and a high-performance, energy-efficient Intel® Core™ Ultra processor within a slim, durable, antimicrobial enclosure. With built-in back cameras, Wi-Fi and BT connectivity, optional 2D Barcode Scanner, smart card/CAC Reader, 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 (1000 nits) touchscreen, digital pen support
- Intel® Core™ Ultra 5/7 processor
- Microsoft® Windows® 11 IoT Enterprise 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
- 13 MP back camera
- Quick Access SSD
- CBRS for private network service support
- Energy Star 8.0 certified

## Major Options

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

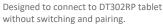* 4G Module cannot build on same device with 2D Scanner and GPS Module.

# Specifications



| Model | DM302PA |
|---|---|
| **System** | |
| CPU | Intel® Core™ Ultra 5 Processor 225U, 12 core (up to 4.80 GHz)<br>Intel® Core™ Ultra 7 Processor 255U, 12 core (up to 5.20 GHz) |
| RAM | 16G to 32G LPDDR5 |
| Storage | 512GB to 4TB<br>*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 | 10.1" LED-Backlit, Sunlight-Readable (1000 nits) Touchscreen LCD |
| Display Resolution | 1920 x 1200 |
| Microphone | Built-In Microphone |
| Speaker | Built-In 2W Speaker |
| Camera | 13 MP Back Camera |

### 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 |
| 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, 3.42A |
| Battery Pack | Hot-swappable Battery (11.4V, 3800mAh)<br>(Optional) 60W Hot-swappable Battery (11.4V, 5400mAh)<br>(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);<br>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 LTE/5G |
| RFID Reader | Dual Frequency( Reads 125 KHz and 13.56 MHz Credentials) |
| Camera | 5 MP front camera |
| 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)<br>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