



## 301Y/MD Rugged 2-in-1 Medical Tablet

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

The 301Y/MD Rugged 2-in-1 Medical Tablet features the integration of a brilliant 10.1" capacitive touchscreen and a high-performance, energy-efficient Intel® Core™ i series processor within a slim, lightweight, durable package. With built-in front and back cameras, Wi-Fi, and other optional data capture modules, this medical tablet offers health professionals an effective tool to monitor, record and retrieve patient information.

### Features



- 10.1" Full-HD capacitive touchscreen, 800 nits, supports digital pen
- Intel® Core™ i7/i5 processor
- Microsoft® Windows® 10/11 IoT Enterprise or Ubuntu OS
- NIST compliant BIOS available
- Hot-swappable battery pack
- Built-in front & back cameras and smart card/CAC reader
- Docking keyboard option for 2-in-1 (tablet/laptop) applications
- IP65-rated for water and dust resistance
- MIL-STD-810G for shock and vibration protection
- ANSI/AAMI ES60601-1 certified with antimicrobial enclosure
- Energy Star 8.0 certified

### Major Options

- Barcode scanner
- NFC/RFID reader
- 4G LTE/AWS

# Specifications



|              |                |
|--------------|----------------|
| <b>Model</b> | <b>301Y/MD</b> |
|--------------|----------------|

## System

|                           |  |
|---------------------------|--|
| <b>CPU</b>                | Intel® Core™ i5-1135G7, 4-Core, up to 4.2 GHz<br>Intel® Core™ i7-1165G7, 4-Core, up to 4.7 GHz |
| <b>RAM</b>                | 8GB to 16GB  |
| <b>Storage</b>            | 256GB to 512GB Flash   |
| <b>Operating System</b>   | Microsoft® Windows® 10/11 IoT Enterprise or Ubuntu   |
| <b>NIST Compliance</b>    | NIST Compliant BIOS Available  |
| <b>Display</b>            | 10.1" LED-Backlit, High-Brightness (800 nits)<br>Touchscreen                                   |
| <b>Display Resolution</b> | 1920 x 1200  |
| <b>Speaker</b>            | Built-In Speaker   |
| <b>Microphone</b>         | Built-In Microphone  |
| <b>Camera</b>             | 5 MP Front Camera & 8 MP Back Cameras  |

## Network Interface

|             |                                     |
|-------------|-------------------------------------|
| <b>WLAN</b> | Wi-Fi 802.11ax, 2.4/5 GHz Dual Band |
|-------------|-------------------------------------|

## I/O Interfaces

|                              |   |
|------------------------------|---|
| <b>USB Ports</b>             | 1 x USB 3.0, 1 x USB Type-C   |
| <b>Headphone Jack</b>        | 1 (3.5mm)   |
| <b>Ethernet Port</b>         | 1 (RJ45)  |
| <b>DC-in</b>                 | 1   |
| <b>Smart Card/CAC Reader</b> | Full Slot (Reads ISO 7816 T=0, T=1); 1.8/3/5V Smart Card              |
| <b>Switches and Buttons</b>  | 1 x Power Button, 2 x Brightness Buttons,<br>5 x Programmable Buttons |

## Mechanical and Environmental

|                               |  |
|-------------------------------|--|
| <b>AC/DC Adapter</b>          | Input: 100-240V AC; Output: 20V DC, 3A   |
| <b>Battery Pack</b>           | Hot-Swappable Battery (5400mAh)  |
| <b>Enclosure</b>              | ABS + PC Plastic and Magnesium-Aluminum Alloy; Antimicrobial Enclosure   |
| <b>Dimensions (H x W x D)</b> | 7.8 x 11 x 0.86 in/198 x 280 x 21.9 mm   |
| <b>Weight</b>                 | 3.1 lbs/1.4 kg   |
| <b>Durability</b>             | IP65 and MIL-STD-810G Certified  |
| <b>Regulatory</b>             | FCC/IC, CE/CB, RCM, ANSI/AAMI ES60601-1,<br>Energy Star 8.0  |
| <b>Temperature</b>            | Operation*: -10°C ~ 60°C (14°F ~ 140°F),<br>optional -30°C ~ 60°C (-22°F ~ 140°F)<br>*For battery safety and optimal functionality and performance,<br>the recommended usage temperature range is from -10°C ~ 45°C<br>(14°F ~ 113°F)<br>Storage: -55°C ~ 70°C (-67°F ~ 158°F) |
| <b>Humidity</b>               | 0% ~ 90% Non-Condensing  |

## Major Options

|                         |   |
|-------------------------|---|
| <b>Barcode Scanner</b>  | 2D Barcode Scanner (Reads 1D & 2D)                  |
| <b>NFC/RFID Reader</b>  | HF 13.56 MHz, ISO 15693, 14443A(B) & 18000-3 Mode 1 |
| <b>Mobile Broadband</b> | 4G LTE/AWS  |

\* Specifications subject to change without notice.

# Accessories

• Wall/Vehicle Mount Cradle



• Docking Keyboard



• Slim Detachable Keyboard



• Handstrap with Kickstand



• Desktop Charging Cradle



• Battery Pack

• 3-Slot Battery Holster



• Digital Pen



• Battery Charging Kits



• Battery Gang Charger

