



## 301MD/ 313MD RUGGED 2-IN-1 MEDICAL TABLETS

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

The DT Research Rugged 2-in-1 Medical Tablets feature the integration of brilliant capacitive touch screens and high performance, energy-efficient Intel® Core™ i series processors within slim, lightweight, durable packages. With built-in front and back cameras, Wi-Fi, Bluetooth as well as optional data capture modules, these medical tablets offer health professionals effective tools to monitor, record and retrieve patient information.



### Features

- 10.1" or 13.3" multi-touch screen, 1000 nits, digital pen support
- Intel® 8<sup>th</sup> or 10<sup>th</sup> Generation Core™ i processor
- Microsoft® Windows® 10 IoT Enterprise or Ubuntu operating system
- Docking keyboard option for 2-in-1 (tablet/ laptop) applications
- ANSI/AAMI ES60601-1 certified with antimicrobial enclosure
- IP65 and MIL-STD-810G certified
- NIST compliant BIOS available
- Hot swappable battery pack
- Built-in front and back cameras
- Built-in smart card/CAC reader

### Major Options

- Barcode scanner
- Single/dual frequency NFC/RFID reader
- 4G LTE/AWS

# Specifications



Model	301MD	313MD
<b>System</b>		
<b>CPU</b>	Intel® Core™ i5-8250U, Quad-Core, 1.6GHz (up to 3.4GHz) Intel® Core™ i7-8550U, Quad-Core, 1.8GHz (up to 4.0GHz) Intel® Core™ i7-10710U, Hexa-Core, 1.1GHz (up to 4.7GHz)	
<b>RAM</b>	8GB to 16GB	8GB to 16GB
<b>Storage</b>	256GB to 512GB Flash	256GB to 512GB Flash
<b>Operating System</b>	Microsoft® Windows® 10 IoT Enterprise or Ubuntu	
<b>NIST Compliance</b>	NIST compliant BIOS available	
<b>Display</b>	10.1" LED-backlight, high-brightness (1000 nits) screen with capacitive touch, outdoor viewable	13.3" LED-backlight, high-brightness (1000 nits) screen with capacitive touch, outdoor viewable
<b>Display Resolution</b>	1920 x 1200	1920 x 1080
<b>Buttons</b>	1 power button, 2 brightness control buttons, 5 programmable buttons	
<b>Speaker</b>	Built-in speaker	
<b>Camera</b>	Full-HD front camera and 8 megapixel back camera	

## Network Interface

<b>WLAN</b>	Wi-Fi 802.11ac, 2.4GHz/ 5GHz dual band	
<b>Bluetooth</b>	Bluetooth 4.2 LE	

## I/O Ports

<b>USB Ports</b>	USB 3.0 x 1, USB Type C x 1 (data transmitting and charging)	USB 3.0 x 3, USB Type C x 1 (data transmitting and charging)
<b>Headset Jack</b>	1 (3.5mm)	
<b>Ethernet Port</b>	Ethernet 10/ 100/ 1000MB Base-T LAN	
<b>Smart Card/ CAC Reader</b>	Full-slot, reads ISO 7816 T=0, T=1; 1.8/3/5V smart card	

## Mechanical and Environmental

<b>AC/DC Adapter</b>	Input: 100-240V AC; Output: 20V DC, 3A	
<b>Battery Pack</b>	Hot swappable battery, 11.4V, 5400mAh	
<b>Enclosure</b>	ABS + PC plastics 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	10.1 x 13.2 x 0.8 in/ 256 x 335 x 21 mm
<b>Weight</b>	3.1 lbs/ 1.4 kg	3.97 lbs/ 1.8 kg
<b>Durability</b>	IP65 and MIL-STD-810G certified	
<b>Regulatory</b>	FCC/IC, CE/CB, RCM, CCC, ANSI/AAMI ES60601-1	
<b>Temperature</b>	Operation*: -10°C to 60°C (14°F to 140°F), optional -30°C to 60°C (-22°F to 140°F) Storage: -55°C to 70°C (-67°F to 158°F) <small>* For battery safety and optimal functionality and performance, the recommended usage temperature range is from -10°C to 45°C (14°F to 113°F)</small>	
<b>Humidity</b>	0% – 90% non-condensing	

## Major Options

<b>Barcode Scanner</b>	2D scanner, reads 1D also	2D scanner, reads 1D also
<b>NFC/RFID Reader</b>	HF 13.56MHz, ISO standard 15693, 14443A(B) & 18000-3 mode-1	Dual frequency, reads both 125KHz and 13.56MHz credentials
<b>Mobile Broadband</b>	4G LTE/AWS	

\* Specifications subject to change without notice.

## Accessories

- Digital Pen
- Docking Keyboard
- Desktop Charging Cradle
- Wall/Vehicle Mount Cradle
- 3-Slot Battery Holster
- Battery Gang Charger
- Battery Pack

