



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

Slim, Antimicrobial, UL60601-1 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® 8th or 10th Generation Core™ i processor
- Microsoft® Windows® 10 IoT Enterprise or Ubuntu operating system
- Docking keyboard option for 2-in-1 (tablet/ laptop) applications
- UL60601-1 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 |
|---------------------------|--|---|
| System | | |
| CPU | 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) | |
| RAM | 8GB to 16GB | 8GB to 16GB |
| Storage | 256GB to 512GB Flash | 256GB to 512GB Flash |
| Operating System | Microsoft® Windows® 10 IoT Enterprise or Ubuntu | |
| NIST Compliance | NIST compliant BIOS available | |
| Display | 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 |
| Display Resolution | 1920 x 1200 | 1920 x 1080 |
| Buttons | 1 power button, 2 brightness control buttons, 5 programmable buttons | 1 power button, 2 brightness control buttons, 5 programmable buttons |
| Speaker | Built-in speaker | Built-in speaker |
| Camera | Full-HD front camera and 8 megapixel back camera | |

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| Network Interface | | |
| WLAN | Wi-Fi 802.11ac, 2.4GHz/ 5GHz dual band | |
| Bluetooth | Bluetooth 4.2 LE | Bluetooth 4.2 LE |
| I/O Ports | | |
| USB Ports | 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) |
| Headset Jack | 1 (3.5mm) | 1 (3.5mm) |
| Ethernet Port | Ethernet 10/ 100/ 1000MB Base-T LAN | Ethernet 10/ 100/ 1000MB Base-T LAN |
| Smart Card/ CAC Reader | Full-slot, reads ISO 7816 T=0, T=1; 1.8/3/5V smart card | Full-slot, reads ISO 7816 T=0, T=1; 1.8/3/5V smart card |

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| Mechanical and Environmental | | |
| AC/DC Adapter | Input: 100-240V AC; Output: 20V DC, 3A | |
| Battery Pack | Hot swappable battery, 11.4V, 5400mAh | Hot swappable battery, 11.4V, 5400mAh |
| Enclosure | ABS + PC plastics and magnesium-aluminum alloy; antimicrobial enclosure | |
| Dimensions (H x W x D) | 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 |
| Weight | 3.1 lbs/ 1.4 kg | 3.97 lbs/ 1.8 kg |
| Durability | IP65 and MIL-STD-810G certified | IP65 and MIL-STD-810G certified |
| Regulatory | FCC Class B, UL60601-1, CE, RoHS compliant | |
| Temperature | 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) | |
| Humidity | 0% – 90% non-condensing | |

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

