DT Research

Medical Tablet Cart System

All-in-One System for Mobile Point-of-Care Applications

DT Research's new Medical Tablet Cart combines the DT313 Medical Tablet with a sleek, lightweight rolling cart. With a locking tablet mount for secure operation and additional ports for expanded functionality, the Medical Tablet Cart also offers a hot-swappable battery pack for extra operating time (up to 14 hours total), maximizing performance and power longevity. The DT313-MD Medical Tablet features a brilliant 13.3" touch screen, a high performance Intel processor, and optional barcode scanner, RFID reader, and camera. The Medical Tablet Cart allows healthcare professionals to efficiently monitor, record, and retrieve patient information with the DT Research Medical Tablet docked on a non-intrusive, easy to maneuver cart. The DT313-MD Medical Tablet can be used without the cart with the touch of a button and easily carried with the built-in hand strap, designed for comfort and minimal arm strain. The built-in Wi-Fi, Bluetooth and optional mobile broadband connection make data access efficient and optimizes staff workflow.

Features

- Lightweight, durable metal construction rolling stand with cradle for docking the tablet
- Battery power pack for the extra power supply (up to 14 hours)
- Intel® Celeron®, 8th Generation Core™ i5/i7 processor
- Microsoft® Windows® 10 IoT Enterprise operating system
- High capacity, hot-swappable battery pack
- UL60601-1 certified with anti-microbial enclosure (tablet, docking cradle, battery pack)
- Optional cameras, 2D barcode scanner
  Optional integrated dual-band RFID reader with single-sign-on authentication
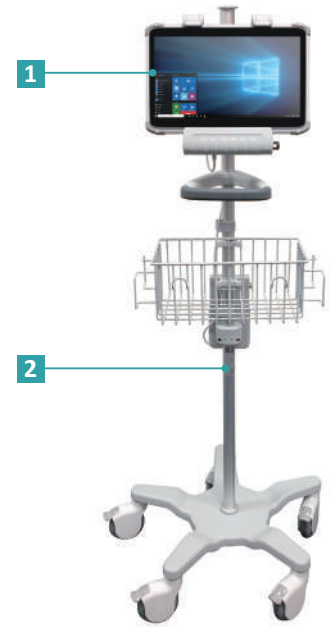
System Package

- **One DT313SC-MD or DT313T-MD Medical Tablet**
- **One Medical Tablet Cart with Basket**
- **One Tablet Mounting Cradle**
- **One Battery Holster***
  *battery not included

Tablet Specifications

Model	DT313SC-MD	DT313T-MD
System		
CPU	Intel® Celeron® dual-core processor	Intel® 8th Generation Core™ i5 or i7 quad-core processor
RAM	4GB	8GB to 16GB
Storage	128GB to 256GB Flash	128GB to 1TB Flash
Operating System	Microsoft® Windows® 10 IoT Enterprise	Microsoft® Windows® 10 IoT Enterprise
Display	13.3" LED-backlight screen with capacitive touch, digital pen support	13.3" LED-backlight screen with capacitive touch, digital pen support
Display Resolution	1920 x 1080	1920 x 1080
Control Switch and Buttons	1 power button, 1 trigger button, 3 programmable buttons	
Speaker	Built-in speaker	Built-in speaker
Network Interface		
WLAN	Wi-Fi 802.11ac, 2.4GHz/ 5GHz dual band	
Bluetooth	Bluetooth 4.0 LE	Bluetooth 4.0 LE
I/O Ports		
USB Ports	USB 3.0 x 1, USB 2.0 x 2	USB 3.0 x 1, USB 2.0 x 2
Headset Jack	1 (3.5mm)	1 (3.5mm)
Ethernet Port	Ethernet 10/ 100/ 1000MB Base-T LAN	Ethernet 10/ 100/ 1000MB Base-T LAN
HDMI-out	1	1
DC-in	1	1
Mechanical and Environmental		
AC/DC Adapter	**Input:** 100 – 240V AC; **Output:** 19V DC, 3.42A	
Battery Pack	Hot swappable battery, 11.4V, 5400mAh Hot swappable battery, 11.4V, 8000mAh (optional)	
Enclosure	ABS + PC plastics and magnesium-aluminum alloy; anti-microbial enclosure	
Dimensions (H x W x D)	10.6 x 13.2 x 0.8 in/ 270 x 335 x 21 mm	10.6 x 13.2 x 0.8 in/ 270 x 335 x 21 mm
Weight	3.97 lbs/ 1.8 kg	3.97 lbs/ 1.8 kg
Regulatory	FCC Class B, CE, RoHS compliant	
Temperature	**Operation:** -20°C – 40°C; **Storage:** -55°C – 70°C	
Humidity	0% – 90% non-condensing	
Major Options		
Barcode Scanner	2D scanner, reads 1D also	2D scanner, reads 1D also
Camera	2 megapixel front camera, and 8 megapixel back camera with auto focus, white balance, gain control and exposure control	
NFC/RFID Reader	Integrated dual-band RFID reader, single-sign-on authentication support	

* Specifications subject to change without notice.

System Outlook

1	DT313-MD Medical Tablet
2	**Medical Tablet Cart (Part Number: DTR-0001-60)** 21-inch (diameter) base with 53.5-inch (height) post. Basket with cable management hooks included

3	**Tablet Mounting Cradle** **(Part Number: ACC-008-313-MD)**
4	**Battery Holster (Part Number: ACC-001-14)**

Optional Accessories

- **DR202 Battery (85W, 7800mAh)**
- **AC-DC Adapter to Charge the Battery in the Power Pack**
- **4-Bay DR202 Battery Gang Charger**

Product Configurator

www.dtresearch.com/productconfig