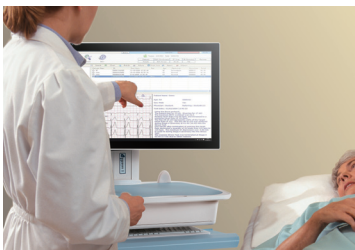




DT590/ DT592/ DT594 Medical-Cart Computer

All-in-one Computer with Integrated Swappable Batteries for Point-of-Care Applications

The DT590/ DT592/DT594 Medical-Cart Computer, featuring the slim and elegant design of the DT Research all-in-one series, is the latest innovation in medical computing systems, integrating swappable batteries to facilitate mobility for healthcare applications. The Medical-Cart Computer integrates a vivid 19", 22" or 24" display, a high performance Intel® processor, and an internal power supply in a fanless, compact, mountable package with anti-microbial coating. With WLAN connectivity and an optional touch screen panel, this Medical-Cart Computer is ideal for health professionals to manage patient information, and also eliminates the need to purchase costly medicalcart batteries. The DT590/ DT592/DT594 is the new generation of medical-cart computers, making data access efficient, optimizing staff workflow, and minimizing the total cost of ownership.



Features

- Intel® 6th Generation Celeron® or Core™ i5/i7 processor
- Microsoft® Windows® 7 Pro or Windows® 10 IoT Enterprise operating system
- Integrated hot-swappable batteries, no power cord or external batteries required
- Built-in Bluetooth and 802.11ac WLAN
- Slim, all-in-one design with anti-microbial enclosure
- Fanless, IP65 rated front panel with IPX2 rated enclosure
- UL60601-1 certified
- Dual HDMI video outputs; up to 4K UHD resolution
- VESA-mountable for flexibility in mounting and placement

Major Options

- RFID reader
- Smart card reader

Specifications



Model	DT590SC	DT590SU	DT592SC	DT592SU	DT594SC	DT594SU
System						
CPU	Intel® Celeron® 3955U, 2.0GHz	Intel® Core™ i5-6200U, 2.3GHz (up to 2.8GHz) Intel® Core™ i7-6500U, 2.5GHz (up to 3.1GHz)	Intel® Celeron® 3955U, 2.0GHz	Intel® Core™ i5-6200U, 2.3GHz (up to 2.8GHz) Intel® Core™ i7-6500U, 2.5GHz (up to 3.1GHz)	Intel® Celeron® 3955U, 2.0GHz	Intel® Core™ i5-6200U, 2.3GHz (up to 2.8GHz) Intel® Core™ i7-6500U, 2.5GHz (up to 3.1GHz)
RAM	4GB to 8GB	8GB to 16GB	4GB to 8GB	8GB to 16GB	4GB to 8GB	8GB to 16GB
Storage	128GB to 512GB Flash	128GB to 2TB Flash	128GB to 512GB Flash	128GB to 2TB Flash	128GB to 512GB Flash	128GB to 2TB Flash
Operating System	Microsoft® Windows® 7 Professional or Windows® 10 IoT Enterprise					
Display	19" TFT-LCD	19" TFT-LCD	21.5" TFT-LCD	21.5" TFT-LCD	23.6" TFT-LCD	23.6" TFT-LCD
Display Resolution	1280 x 1024	1280 x 1024	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Touch Screen	Optional capacitive touch					
Trusted Platform Module	TPM 2.0	TPM 2.0	TPM 2.0	TPM 2.0	TPM 2.0	TPM 2.0
Control Buttons	5 side buttons: 1 power and 4 functional buttons		5 side buttons: 1 power and 4 functional buttons		5 side buttons: 1 power and 4 functional buttons	
Speaker	Built-in speaker					

Network Interface

WLAN	Ethernet 10/ 100/ 1000 MB Base-T LAN; Wi-Fi 802.11ac, 2.4GHz/ 5GHz dual band					
Bluetooth	Bluetooth 4.0 LE	Bluetooth 4.0 LE	Bluetooth 4.0 LE	Bluetooth 4.0 LE	Bluetooth 4.0 LE	Bluetooth 4.0 LE

I/O Ports

USB Ports	USB 2.0 x 2, USB 3.0 x 4	USB 2.0 x 2, USB 3.0 x 4	USB 2.0 x 2, USB 3.0 x 4	USB 2.0 x 2, USB 3.0 x 4	USB 2.0 x 2, USB 3.0 x 4	USB 2.0 x 2, USB 3.0 x 4
COM Port	1	1	4	4	4	4
HDMI-out (1.4a)	2	2	2	2	2	2
Audio Jack	1	1	1	1	1	1
Ethernet	RJ45 connector for Ethernet x 1		RJ45 connector for Ethernet x 1		RJ45 connector for Ethernet x 1	
DC-in	1	1	1	1	1	1

Mechanical and Environmental

Fan/Fanless	Fanless	Fanless	Fanless	Fanless	Fanless	Fanless
AC/DC Adapter	Input: 100 – 240V AC; Output: 19V DC, 6.31A		Input: 100 – 240V AC; Output: 19V DC, 6.31A		Input: 100 – 240V AC; Output: 19V DC, 6.31A	
Battery Pack	DR202 Li-ion battery; 11.1V, 7800mAh x 3 (optional)		DR202 Li-ion battery; 11.1V, 7800mAh x 3 (optional)		DR202 Li-ion battery; 11.1V, 7800mAh x 3 (optional)	
Enclosure	ABS + PC plastics, anti-microbial enclosure					
Dimensions (H x W x D)	14.9 x 17.7 x 2.2 in/ 380 x 450 x 65 mm		12.5 x 20.8 x 2.3 in/ 318 x 529 x 58 mm		14.2 x 22.9 x 2.3 in/ 361 x 582 x 57 mm	
Weight	Without battery: 11lbs/ 5kg With 3 batteries: 14.3lbs/ 6.5kg		Without battery: 11lbs/ 5kg With 3 batteries: 14.3lbs/ 6.5kg		Without battery: 15.4lbs/ 7kg With 3 batteries: 18.7lbs/ 8.5kg	
VESA-compliant Mounting	100mm x 100mm VESA standard		100mm x 100mm VESA standard		100mm x 100mm VESA standard	
Water Resistance	Front panel: IP65; Enclosure: IPX2		Front panel: IP65; Enclosure: IPX2		Front panel: IP65; Enclosure: IPX2	
Regulatory	EMC/EMI: FCC CFR Title 47 Part 18, EN 55011, EN 60601-1-2, EN 61000-3-2, EN 61000-3-3, AS/NZS CISPR 11 RF: FCC Part 15C, FCC Part 15E, EN 300328, EN 301893, EN 301489-1, EN 301489-17, EN 62311, AS/NZS 4268 Safety: UL (ANSI/AAMI ES60601-1), IEC 60601-1					
Temperature	Operation: 0°C – 40°C; Storage: -20°C – 60°C					
Humidity	0% – 90% non-condensing					

Major Options

NFC/ RFID reader	Integrated dual-band RFID reader, single-sign-on authentication support
Smart Card Reader	Reads ISO 7816 T=0, T=1 smart card, 1.8/ 3/ 5V smart card* *It will decrease one USB 3.0 port once installing a smart card reader.

* Specifications subject to change without notice.

Accessories

• DR202 Battery



• DR202 Battery Gang Charger



• Battery Holster

Supplies powers to peripherals (e.g., Zebra mobile printer and Welch Allyn vital sign monitor)



Product Configurator

