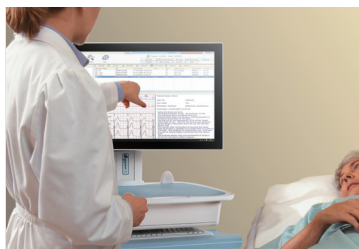




592S/594S Medical-Cart Computer

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

The 592S/594S Medical-Cart Computer, an All-in-one Medical Computer (Medical PC), integrates a 22" or 24" screen, powerful yet energy-efficient Intel® Core™ i computing platform, smart card reader and hot-swappable batteries (optional) in a compact, mountable package with antimicrobial coating to facilitate mobility for healthcare applications. With WLAN connectivity, this Medical-Cart Computer (Computer on Wheels/COWs and Workstation on Wheels/WOWs) is ideal for health professionals to manage information and eliminates the need to purchase costly medical cart batteries.



Features

- Built-in hot-swappable batteries (optional, up to 3 batteries)
- Intel® Core™ i5 processor; high performance operation with low power consumption
- High resolution 22" or 24" touchscreen
- Elegant all-in-one, slim and space saving design
- Fanless design; IP65 rated front panel with IPX2 rated enclosure
- ANSI/AAMI ES60601-1 certified
- Antimicrobial enclosure
- Dual HDMI video-out, up to 4K UHD resolution
- Built-in 802.11ac dual band WLAN
- VESA-mountable for flexibility in mounting and deployment

Major Option

- Smart card reader

Specifications



Model	592S	594S
System		
CPU	Intel® Core™ i5-1135G7, 4-Core, up to 4.7 GHz	Intel® Core™ i5-1135G7, 4-Core, up to 4.7 GHz
RAM	8GB to 16GB	8GB to 16GB
Storage	256GB to 512GB Flash	256GB to 512GB Flash
Operating System	Microsoft® Windows® 10/11 IoT Enterprise or Ubuntu	
Display	21.5" capacitive touch screen	23.6" capacitive touch screen
Display Resolution	1920 x 1080	1920 x 1080
Trusted Platform Module	dTPM 1.2 and fTPM 2.0	dTPM 1.2 and fTPM 2.0
Control Buttons	5 side buttons: 1 power and 4 functional buttons	5 side buttons: 1 power and 4 functional buttons
Speaker	Built-in speaker	Built-in speaker

Network Interface

WLAN	Ethernet 10/ 100/ 1000 MB Base-T LAN; Wi-Fi 802.11ac, 2.4GHz/ 5GHz dual band
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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
COM Port	4	4
HDMI-out (1.4a)	2	2
Audio Jack	1	1
Ethernet	RJ45 connector for Ethernet x 1	RJ45 connector for Ethernet x 1
DC-in	1	1

Mechanical and Environmental

Fan/Fanless	Fanless	Fanless
AC/DC Adapter	Input: 100 – 240V AC; Output: 19V DC, 6.31A	Input: 100 – 240V AC; Output: 19V DC, 6.31A
Battery Pack	Li-ion battery; 90Wh, 8250mAh x 3 (optional)	Li-ion battery; 90Wh, 8250mAh x 3 (optional)
Enclosure	ABS + PC plastics, antimicrobial enclosure	
Dimensions (H x W x D)	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 58 mm
Weight	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
Water Resistance	Front panel: IP65; Enclosure: IPX2	Front panel: IP65; Enclosure: IPX2
Regulatory	FCC/IC, CE/CB, RCM, CCC, ANSI/AAMI ES60601-1	
Temperature	Operation: 0°C – 40°C; Storage: -20°C – 60°C	
Humidity	0% – 90% non-condensing	

Major Option

Smart Card Reader	Full slot, reads ISO 7816 T=0, T=1; 1.8/3/5V smart card
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* Specifications subject to change without notice.

Accessories

- Battery



- Battery Gang Charger



- 3-Slot Battery Holster

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

