

# Mobile Medical Cart Computer



The ST592 Medical Cart Computer, featuring the slim and elegant design of the SUMO Technologies 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 21.5" display, a high performance Intel® Celeron® or Core™ i-series processor and an internal power supply in a compact, mountable package with anti-microbial coating.

With WLAN connectivity, an optional touch screen panel and smart card reader, this Medical Cart Computer is ideal for health professionals to manage patient information, and also eliminates the need to purchase costly medical cart batteries.

The ST592 is the new generation of medical cart computers, making data access efficient, optimizing staff workflow, and minimizing the total cost of ownership.

## Features

- ▶ Integrated hot-swappable batteries, no power cord or external batteries required
- ▶ Intel® Celeron® or Core™ i-series CPU; high performance operation with low power consumption
- ▶ 21.5" TFT-LCD with capacitive touch option
- ▶ Slim, all-in-one design with anti-microbial enclosure
- ▶ Built-in Bluetooth and 802.11 a/b/g/n WLAN
- ▶ VESA-mountable for flexibility in mounting and placement
- ▶ Optional smart card reader
- ▶ Comprehensive software for remote monitoring, control, and upgrades

## Mobile Medical Cart Computer

### Accessories

- ▶ **Battery Pack**  
Snap-on, hot swappable battery pack.  
Doubles duration of mobile operation.  
Li-ion, 28Wh.



- ▶ **4-Bay Battery Charger**  
Charges up to four battery packs simultaneously.  
Power cord included.



- ▶ **Desktop Stand**  
The LCD display can tilt up 30 degrees and down 3 degrees.  
Detachable aluminium construction.  
VESA-compliant mounting.



### Front View





### Rear View



### Side Views



## Mobile Medical Cart Computer

Specification		
System	ST592IC	ST592IB
CPU	Intel® Celeron®, 1.1GHz dual core	Intel® Core™ i7 Series, 1.9GHz
RAM	4GB to 16GB	
Storage	32GB to 256GB Flash or 500GB HDD	
Operating System	Microsoft® Windows® Embedded Standard 7 64-bit or Windows® 7 Professional 64-bit	
Display	21.5" TFT-LCD with optional Capacitive Touch	
Display Resolution	1920 x 1080 (Full HD)	
Network Interface	Ethernet 10/ 100/ 1000 MB Base-T LAN; 802.11 a/b/g/n WLAN, Bluetooth 3.0+HS	
Control Switch and Buttons	5 side buttons: 1 power and 4 functional buttons	
Speaker	Built-in speaker	
<b>I/O Ports</b>		
USB 2.0 port	5	6
COM Port	4	4
Audio Out	1	1
Microphone-in	1	1
Ethernet	RJ45 connector for Ethernet x 1	RJ45 connector for Ethernet x 1
DC-in	1	1
<b>Environmental</b>		
Safety & EMI Certifications	CB (IEC60601-1), CAN/CSA-C22.2 No.601.1, EN 55011, UL60601-1, EN60601-1, FCC CFR47 Part.18, RoHS Compliant	
Temperature	Operation: 0°C – 40°C; Storage: -20°C – 60°C	
Humidity	0% – 90% non-condensing	
<b>Mechanical</b>		
Battery Pack	DR202 Li-ion battery; 11.1V, 7800mAh x 3	
AC/DC Adapter	Input: 100 – 240V AC; Output: 19V DC, 6.31A	
Enclosure	ABS + PC plastics, anti-microbial plastics	
Dimensions (H x W x D)	318 x 529 x 58 mm / 12.5 x 20.8 x 2.3 in	
Weight	6.5 kg / 14.3 lbs	
VESA-compliant Mounting	100mm x 100mm VESA standard	
<b>Data Capture Options</b>		
Smart Card Reader	Reads ISO 7816 T=0, T=1 smart card, 1.8/ 3/ 5V smart card	



For more information, including pricing, availability and detailed features please look at our web site at [www.dakotais.co.uk](http://www.dakotais.co.uk) or email [nhs@dakotais.co.uk](mailto:nhs@dakotais.co.uk)  
 Configurator Tool: <http://www.configureyours.com/dakota/>  
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All specifications are subject to change without notice.

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