



## DT592SK/ DT594SK Medical-Cart Computer

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

The DT592SK/ DT594SK Medical-Cart Computer, an All-in-one Medical Computer (Medical PC), integrates a 22" or 24" screen, powerful yet energy-efficient Intel® Core™ i processor computing platform, smart card reader, and hot-swappable batteries (optional) in a compact, mountable package with anti-microbial coating to facilitate mobility for healthcare applications. With WLAN and Bluetooth 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® 8<sup>th</sup> Generation Core™ i5 processor; high performance operation with low power consumption
- High contrast 22" or 24" TFT-LCD, capacitive touch option
- Elegant all-in-one, slim and space saving design
- Fanless design; IP65 rated front panel with IPX2 rated enclosure
- UL60601-1 certified
- Anti-microbial enclosure
- Dual HDMI video-out, up to 4K UHD resolution
- Built-in Bluetooth and 802.11ac dual band WLAN
- VESA-mountable for flexibility in mounting and deployment

### Major Option

- Smart card reader

# Specifications



| Model | DT592SK | DT594SK |
|-------|---------|---------|
|-------|---------|---------|

## System

|                         |                                                  |                                                  |
|-------------------------|--------------------------------------------------|--------------------------------------------------|
| CPU                     | Intel® Core™ i5-8250U, 1.6GHz (up to 3.4GHz)     |                                                  |
| RAM                     | 8GB to 16GB                                      | 8GB to 16GB                                      |
| Storage                 | 256GB to 1TB Flash                               | 256GB to 1TB Flash                               |
| Operating System        | Microsoft® Windows® 10 IoT Enterprise or Ubuntu  |                                                  |
| Display                 | 21.5" TFT-LCD                                    | 23.6" TFT-LCD                                    |
| Display Resolution      | 1920 x 1080                                      | 1920 x 1080                                      |
| Touch Screen            | Optional capacitive touch                        | Optional capacitive touch                        |
| 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 |                  |
| Bluetooth | Bluetooth 4.2 LE                                                             | Bluetooth 4.2 LE |

## I/O Ports

|                 |                                 |                                 |
|-----------------|---------------------------------|---------------------------------|
| USB Ports       | USB 3.0 x 4                     | 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            | DR202 Li-ion battery; 90W, 8250mAh x 3 (optional)                                                                                                                                                                                                                 | DR202 Li-ion battery; 90W, 8250mAh x 3 (optional)                 |
| Enclosure               | ABS + PC plastics, anti-microbial 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 57 mm                           |
| Weight                  | Without battery: 11lbs/ 5kg<br>With 3 batteries: 14.3lbs/ 6.5kg                                                                                                                                                                                                   | Without battery: 15.4lbs/ 7kg<br>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              | 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<br>RF: FCC Part 15C, FCC Part 15E, EN 300328, EN 301893, EN 301489-1, EN 301489-17, EN 62311, AS/NZS 4268<br>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 Option

|                   |                                                         |                                                         |
|-------------------|---------------------------------------------------------|---------------------------------------------------------|
| Smart Card 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 |
|-------------------|---------------------------------------------------------|---------------------------------------------------------|

\* Specifications subject to change without notice.

# Accessories

- DR202 Battery



- DR202 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).



All Modul BV  
Damzigt 13  
3454 PS De Meern

T: + 31 (0)30 2040260  
F: + 31 (0)30 2040261  
www.allmodul.nl  
info@allmodul.nl



All Modul BVBA  
Albert Dehemlaan 31  
8900 Ieper

T: + 32 57 280 116  
F: + 32 57 280 117  
www.allmodul.be  
info@allmodul.be



All Modul SARL  
67 Rue de Luxembourg  
59777 Euralille

T: + 33 328 501 840  
F: + 33 328 501 774  
www.allmodul.fr  
info@allmodul.fr