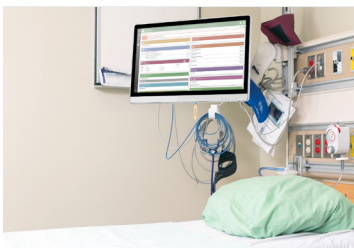




# 502TF/504TF Medical-Grade Integrated LCD System

## Medical-Grade All-in-One Computer for Point-of-Care Solutions

Powered by a high-performance Intel® Core™ i processor, the 502TF/504TF medical all-in-one system features a 22" or 24" TFT-LCD with fanless, slim, and bacteria-resistant enclosure, making it ideal for various medical and healthcare applications. While the space-saving design makes the Medical-Grade Integrated LCD System easily fit into any point-of-care scenarios, its built-in Wi-Fi and BT connectivity further enables health professionals to effortlessly and efficiently monitor, record and manage patient data.



### Features

- 22" or 24" high-resolution touchscreen
- Intel® Core™ i processor
- Microsoft® Windows® 10/11 IoT Enterprise or Ubuntu operating system
- Elegant all-in-one, slim, fanless design with antimicrobial enclosure
- VESA mounting compatibility for easy installation and optimized mobility
- IP65 sealed front bezel and IPX1 back cover enclosure
- Energy Star 8.0 certified

### Major Options

- Integrated UPS battery
- IR Camera
- Smart card/CAC reader
- NFC/RFID reader

# Specifications



Model	502TF	504TF
<b>System</b>		
<b>CPU</b>	Intel® Core™ i5 14400T, 10-Core, up to 4.50 GHz Intel® Core™ i7 14700T, 20-Core, up to 5.20 GHz	Intel® Core™ i5 14400T, 10-Core, up to 4.50 GHz Intel® Core™ i7 14700T, 20-Core, up to 5.20 GHz
<b>RAM</b>	8GB to 64GB	8GB to 64GB
<b>Storage</b>	256GB to 4TB Flash	256GB to 4TB Flash
<b>Operating System</b>	Microsoft® Windows® 10/11 IoT Enterprise or Ubuntu	Microsoft® Windows® 10/11 IoT Enterprise or Ubuntu
<b>Display</b>	21.5" Touchscreen	23.8" Touchscreen
<b>Display Resolution</b>	1920 x 1080	1920 x 1080
<b>Trusted Platform Module</b>	TPM 2.0	TPM 2.0
<b>Battery Pack</b>	Optional integrated UPS battery x 1	Optional integrated UPS battery x 1
<b>Buttons</b>	1 x Power Button, 4 x Programmable Buttons	1 x Power Button, 4 x Programmable Buttons
<b>Speaker and Microphone</b>	Built-In Microphones & Speaker	Built-In Microphones & Speaker

## Network Interface

<b>WLAN</b>	Wi-Fi 802.11ax, 2.4/5/6 GHz Three Band	Wi-Fi 802.11ax, 2.4/5/6 GHz Three Band
<b>BT</b>	5.3	5.3

## I/O Ports

<b>USB Port</b>	4 x USB 3.2 Gen 1 (Type-A), 2 x USB 2.0 (Type-A), 1 x USB2.0 (Type-C)	4 x USB 3.2 Gen 1 (Type-A), 2 x USB 2.0 (Type-A), 1 x USB2.0 (Type-C)
<b>COM Port</b>	1 (Optional: 2 Extra COM Ports to replace the existing 2 USB 2.0 and headphone jack)	3
<b>Headphone Jack</b>	1 (3.5 mm)	1 (3.5 mm)
<b>HDMI Port</b>	1	1
<b>Ethernet Port</b>	2	2
<b>DC-In Jack</b>	1	1
<b>Potential Equalization Conductor</b>	1 (optional)	1 (optional)

## Mechanical and Environmental

<b>Fan/Fanless</b>	Fanless	Fanless
<b>AC/DC Adapter</b>	Input: 100-240V AC; Output: 19V DC, 6.31A	Input: 100-240V AC; Output: 19V DC, 6.31A
<b>Enclosure</b>	Metal+ Plastic (PC+ABS)	Metal+ Plastic (PC+ABS)
<b>Dimensions (H x W x D)</b>	12.8 x 20.4 x 1.6 in/ 324 x 518 x 40 mm	14.6 x 22.3 x 1.8 in/370.5 x 567 x 45.2 mm
<b>Weight</b>	13.4 lbs/6.08 kg	16.5lbs/7.5 kg
<b>VESA-compliant Mounting</b>	100 x 100 mm VESA Standard	100 x 100 mm VESA Standard
<b>Water Resistance</b>	IP65 Sealed Front Bezel and IPX1 Back Cover	IP65 Sealed Front Bezel and IPX1 Back Cover
<b>Regulatory</b>	ANSI/AAMI ES60601-1, IEC60601-1, IEC60601-1-2, FCC Part 18, FCC Part 15 Class B, GB 17625.1, GB 4943.1, GB/T 9254, CE-EMC, CE-RED, Energy Star 8.0, RCM, CCC	ANSI/AAMI ES60601-1, IEC60601-1, IEC60601-1-2, FCC Part 18, FCC Part 15 Class B, GB 17625.1, GB 4943.1, GB/T 9254, CE-EMC, CE-RED, Energy Star 8.0, RCM, CCC
<b>Temperature</b>	Operation: 0°C to 40°C (32°F to 104°F); Storage: -20°C to 60°C (-4°F to 140°F)	Operation: 0°C to 40°C (32°F to 104°F); Storage: -20°C to 60°C (-4°F to 140°F)
<b>Humidity</b>	0% – 90% Non-Condensing	0% – 90% Non-Condensing

## Major Options

<b>Camera</b>	IR Camera	IR Camera
<b>Smart Card/CAC Reader</b>	Half-Slot (ISO 7816 T=0, T=1 & 1.8/3/5V Smart Card)	Half-Slot (ISO 7816 T=0, T=1 & 1.8/3/5V Smart Card)
<b>NFC/RFID Reader</b>	HF 13.56 MHz, ISO 15693, 14443A(B) & 18000-3 Mode 1, or Dual Frequency (125 kHz & 13.56 MHz)	HF 13.56 MHz, ISO 15693, 14443A(B) & 18000-3 Mode 1, or Dual Frequency (125 kHz & 13.56 MHz)

\*Specifications subject to change without notice.

## Accessories

- Desktop Stand
- Medical Grade AC Adapter
- 3-Slot Battery Holster
- DR202 Battery
- DR202 Battery Gang Charger

