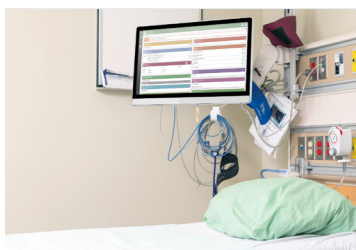




502TF/504TF Medical-Grade Integrated LCD System

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" touchscreen with fanless, slim, and bacteria-resistant enclosure, making it ideal for various medical and healthcare applications. Its space-saving design allows for seamless integration into point-of-care environments, while built-in Wi-Fi and BT connectivity enable healthcare professionals to 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
System		
CPU	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
RAM	8GB to 64GB	8GB to 64GB
Storage	512GB to 4TB Flash	512GB to 4TB Flash
Operating System	Microsoft® Windows® 10/11 IoT Enterprise or Ubuntu	Microsoft® Windows® 10/11 IoT Enterprise or Ubuntu
Display	21.5" Touchscreen	23.8" Touchscreen
Display Resolution	1920 x 1080	1920 x 1080
Trusted Platform Module	TPM 2.0	TPM 2.0
Battery Pack	Optional integrated UPS battery x 1	Optional integrated UPS battery x 1
Buttons	1 x Power Button, 4 x Programmable Buttons	1 x Power Button, 4 x Programmable Buttons
Speaker and Microphone	Built-In Microphones and Speaker	Built-In Microphones and Speaker

Network Interface

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

I/O Ports

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

Mechanical and Environmental

Fan/Fanless	Fanless	Fanless
AC/DC Adapter	Input: 100 to 240V AC; Output: 19V DC, 6.31A	Input: 100 to 240V AC; Output: 19V DC, 6.31A
Enclosure	Metal+ Plastic (PC+ABS)	Metal+ Plastic (PC+ABS)
Dimensions (H x W x D)	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
Weight	13.4 lbs/6.08 kg	16.5lbs/7.5 kg
VESA-compliant Mounting	100 x 100 mm VESA Standard	100 x 100 mm VESA Standard
Water Resistance	IP65 Sealed Front Bezel and IPX1 Back Cover	IP65 Sealed Front Bezel and IPX1 Back Cover
Regulatory	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
Temperature	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)
Humidity	0% to 90% Non-Condensing	0% to 90% Non-Condensing

Major Options

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

