



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 504TF medical all-in-one system features a 24" TFT-LCD and a 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

- 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-rated front panel with IPX2-rated enclosure
- Energy Star 8.0 certified

Major Options

- Integrated UPS battery
- 5M front camera
- Smart card/CAC reader
- NFC/RFID reader

Specifications



Model	504TF
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System

CPU	Intel® Core™ i5 14400T, 10-Core, up to 4.50 GHz Intel® Core™ i5 14500T, 14-Core, up to 4.80 GHz Intel® Core™ i7 14700T, 20-Core, up to 5.20 GHz
RAM	8GB to 64GB
Storage	256GB to 4TB Flash
Operating System	Microsoft® Windows® 10/11 IoT Enterprise or Ubuntu
Display	23.8" Touchscreen
Display Resolution	1920 x 1080
Trusted Platform Module	TPM 2.0
Battery Pack	Optional integrated UPS battery x 1
Buttons	1 x Power Button, 4 x Programmable Buttons
Speaker and Microphone	Built-In Microphones & Speaker

Network Interface

WLAN	Wi-Fi 802.11ax, 2.4/5 GHz Dual Band
BT	Yes

I/O Ports

USB Port	4 x USB 3.0, 2 x USB 2.0, 1 x USB Type-C
COM Port	3
Headphone Jack	1 (3.5 mm)
HDMI Port	1 (ESD protection: ±17KV by air, ±12KV by contact)
Ethernet Port	2 (ESD protection: ±30KV by air, ±30KV by contact)
DC-In Jack	1
Potential Equalization Conductor	1 (optional)

Mechanical and Environmental

Fan/Fanless	Fanless
AC/DC Adapter	Input: 100-240V AC; Output: 19V DC, 6.31A
Enclosure	ABS Plastic, Antimicrobial Enclosure
Dimensions (H x W x D)	14.6 x 22.3 x 1.8 in/370.5 x 567 x 45.2 mm
Weight	16.5lbs/7.5 kg
VESA-compliant Mounting	100 x 100 mm VESA Standard
Water Resistance	Front Panel: IP65; Enclosure: IPX2
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
Temperature	Operation: 0°C to 40°C (32°F to 104°F); Storage: -20°C to 60°C (-4°F to 140°F)
Humidity	0% – 90% Non-Condensing

Major Options

Camera	5M Front Camera
Smart Card/CAC Reader	Full-Slot (ISO 7816 T=0, T=1 & 1.8/3/5V Smart Card)
NFC/RFID Reader	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 Holder
- DR202 Battery
- DR202 Battery Gang Charger

