



502T/504T/507T Medical-Grade Integrated LCD System

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

Powered by a high-performance Intel® Core™ i or Pentium® processor, the 502T/504T/507T medical all-in-one system features a 21.5"/24"/27" 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

- 21.5"/24"/27" high-resolution touchscreen
- Intel® Core™ i or Pentium® 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 (504T)

Major Options

- 4K resolution screen (507T)
- Integrated UPS battery
- 5M front camera
- Smart card/CAC reader
- NFC/RFID reader (504T and 507T only)

Specifications



Model	502T	504T	507T
System			
CPU	Intel® Pentium® Gold-G6400T, 2-Core, 3.4 GHz Intel® Core™ i5-10500T Processor (up to 3.30 GHz) Intel® Core™ i7-10700T Processor (up to 3.40 GHz)	Intel® Pentium® Gold-G6400T, 2-core, 3.4GHz Intel® Core™ i5-10500T, 6-core, 2.3 GHz (up to 3.8 GHz) Intel® Core™ i7-10700T, 8-core, 2.0 GHz (up to 4.5 GHz) Intel® Core™ i9-10900T, 10-core, 1.9 GHz (up to 4.6 GHz)	
RAM	8GB to 64GB	8GB to 64GB	8GB to 64GB
Storage	256GB to 4TB Flash	256GB to 4TB Flash	256GB to 4TGB Flash
Operating System	Microsoft® Windows® 10/11 IoT Enterprise or Ubuntu		
Display	21.5" Touchscreen	23.8" Touchscreen	27" Touchscreen
Display Resolution	1920 x 1080	1920 x 1080	1920 x 1080, or 3840 x 2160 (optional)
Trusted Platform Module	TPM 2.0	TPM 2.0	TPM 2.0
Battery Pack	Optional integrated UPS battery x 1	Optional integrated UPS battery x 1	Optional integrated UPS battery x 1
Buttons	1 x Power Button, 4 x Programmable Buttons		
Speaker and Microphone	Built-In Microphones & Speaker	Built-In Microphones & Speaker	Built-In Microphones & Speaker

Network Interface

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

I/O Ports

USB Port	4 x USB 3.0, 2 x USB 2.0	4 x USB 3.0, 2 x USB 2.0	4 x USB 3.0, 2 x USB 2.0
COM Port	1 (Optional: 2 Extra COM Ports to replace the existing 2 USB 2.0 and headphone jack)	3	3
Headphone Jack	1 (3.5 mm)	1 (3.5 mm)	1 (3.5 mm)
HDMI Port	1 (ESD protection: ±17KV by air, ±12KV by contact)	1 (ESD protection: ±17KV by air, ±12KV by contact)	1 (ESD protection: ±17KV by air, ±12KV by contact)
Ethernet Port	2 (ESD protection: ±30KV by air, ±30KV by contact)	2 (ESD protection: ±30KV by air, ±30KV by contact)	2 (ESD protection: ±30KV by air, ±30KV by contact)
DC-In Jack	1	1	1
Potential Equalization Conductor	1 (optional)	1 (optional)	1 (optional)

Mechanical and Environmental

Fan/Fanless	Fanless	Fanless	Fanless
AC/DC Adapter	Input: 100-240V AC; Output: 19V DC, 6.31A	Input: 100-240V AC; Output: 19V DC, 6.31A	Input: 100-240V AC; Output: 19V DC, 6.31A
Enclosure	ABS Plastic, Antimicrobial Enclosure		
Dimensions (H x W x D)	20.4 x 12.8 x 1.6 in/518 x 324 x 40 mm	14.6 x 22.3 x 1.8 in/370.5 x 567 x 45.2 mm	16.2 x 25.2 x 1.8 in/411.8 x 639.1 x 45 mm
Weight	13.4 lbs/6.08 kg	16.5lbs/7.5 kg	17.6 lbs/8 kg (w/ AUO display) 20.5 lbs/9.3 kg (w/ BOE display)
VESA-compliant Mounting	100 x 100 mm VESA Standard	100 x 100 mm VESA Standard	100 x 100 mm VESA Standard
Water Resistance	Front Panel: IP65; Enclosure: IPX2	Front Panel: IP65; Enclosure: IPX2	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, 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	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, 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	5M Front 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	N/A	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

