



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 | Aluminum Alloy, 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 | 13.8 lbs/6.26 kg | 17.6 lbs/8 kg | 23.15 lbs/10.5 kg |
| 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

