MATE-2205
22" Fanless 9th Generation Core i7 Powerful Medical All in One PC

Features
- Intel® 9th Generation Core™ i7/i5/i3 Processor
- Supports Dual Channel DDR4 2666 SODIMM up to 64GB
- 22" Full HD High Contrast LCD
- Capacitive Multi-Touch Screen
- Two Gigabit Ethernet
- High Speed USB 3.0 Ports
- RS-232 x 2
- 5MP Camera with Mic (optional)
- PCI-Express [x4] x 1 (optional)
- 25Wh Backup Battery (optional)

Specifications

**MAIN SPECIFICATIONS**
- Processor: Intel® 9th Generation Core™ i7-9700TE 8 Cores 3.8GHz
- Processor: Intel® 9th Generation Core™ i5-9500TE 6 Cores 3.6GHz
- System Memory: Supports Dual Channel DDR4 2666 SODIMM up to 64GB
- Chipset: Intel® H310
- OS Support: Windows® 10, Linux®
- Storage Disk Drive: 2.5" SATA Hard Disk Drive/SSD x 1, M.2 2242 SSD x 1, Slim DVD-RW Drive x 1 (optional)
- Security: Trusted Platform Module 2.0, RFID Reader (optional), Smart Card Reader x 1 (optional)
- Wireless Communication: 802.11 ac/a/b/g/n (optional), Bluetooth 4.1 / 5 (optional)
- Speaker: 5W x 2
- Function Key: Speaker Volume Up/Down, LCD Brightness Up/Down, LCD On/Off, Touch Screen On/Off, Reading Light On/Off
- Power Requirement: DC 12V / DC 24V when backup battery is installed, AC 80~264V

**DISPLAY**
- Size / Type: 22" LCD
- Max. Resolution: 1920 x 1080
- Luminance (cd/m²) (TYP): 250 nits
- Viewing Angle: 178˚(H)/178˚(V)
- Contrast Ratio: 1000:1
- Back Light Life Time: 50,000 Hours
- Touch Screen: Capacitive Multi-Touch

**I/O**
- USB: USB 3.0 x 4, USB 2.0 x 2
- Serial Port: RS-232 x 2
- Ethernet: 1.5KV Isolated Gigabit LAN x 2
- Video Out: Display Port 1.2 x 1, HDMI 1.4b x 1 (Supports resolution up to 3840 x 2160)
- Audio: Mic-in, Line-out

**MECHANICAL AND ENVIRONMENTAL**
- Operating Temperature: 0°C ~ 35°C (32°F ~ 95°F)
- Storage Temperature: -20°C ~ 60°C (-4°F ~ 140°F)
- Mounting VESA: 75/100 mm
- Degree of Protection: IP65 in the front; IP54 in the back
- Dimension: 546 x 352 x 66mm
- Package Size: 750 x 220 x 490 mm
- Gross Weight: 12 kg (26.45 lb)
- Net Weight: 8 kg (17.63 lb)

*All product specifications are subject to change without notice.*
22" Fanless 9th Generation Core i7 Powerful Medial All in One PC

**Dimension / Unit: mm**

- MATE-2205-P2-A1-0010
  - Medical Panel PC, 22" LCD, i7-9700TE, DC 12V, Capacitive Touch
- MATE-2205-P4-A1-0010
  - Medical Panel PC, 22" LCD, i5-9500TE, DC 12V, Capacitive Touch
- MATE-2205-P2-B1-0010
  - Medical Panel PC, 22" LCD, i7-9700TE, AC 80~264V, Capacitive Touch
- MATE-2205-P4-B1-0010
  - Medical Panel PC, 22" LCD, i5-9500TE, AC 80~264V, Capacitive Touch

**Optional Accessories**

- 1255301205
  - Medical Power Adapter, 120W, 12V
- OPM-R03X-A1
  - PCI Express[x1] Riser Kit
- OPM-R04X-A1
  - PCI Express[x4] Riser Kit
- OPM-C12W-A6
  - WLAN Kit, IEEE 802.11a/b/g/n/ac + Bluetooth 4.1
- OPM-C15W-A6
  - WLAN Kit, IEEE 802.11a/b/g/n/ac + Bluetooth 5
- OPM-S03C-A1
  - Smart Card Reader Kit
- OPM-P09C-A5
  - 25Wh Backup Battery

- OPM-C02C-A1
  - Two Isolated RS-232 & One Isolated USB 2.0 PCIe Card
- OPM-C02C-A2
  - Two Isolated RS-232 PCIe Card
- OPM-T013-A1
  - Slim Slot-in DVD-RW Drive
- OPM-T017-A2
  - Hot Swap Rack w/Lock Kit for 2.5" HDD/SSD
- OPM-S07R-A5
  - RFID Reader Kit
- OPM-T004-A3
  - 5MP Camera with Mic

**Ordering Information**

- MATE-2205-P2-A2-0010
  - Medical Panel PC, 22" LCD, i7-9700TE, DC 12V, Capacitive Touch, Camera Shutter
- MATE-2205-P4-A2-0010
  - Medical Panel PC, 22" LCD, i5-9500TE, DC 12V, Capacitive Touch, Camera Shutter
- MATE-2205-P2-B2-0010
  - Medical Panel PC, 22" LCD, i7-9700TE, AC 80~264V, Capacitive Touch, Camera Shutter
- MATE-2205-P4-B2-0010
  - Medical Panel PC, 22" LCD, i5-9500TE, AC 80~264V, Capacitive Touch, Camera Shutter