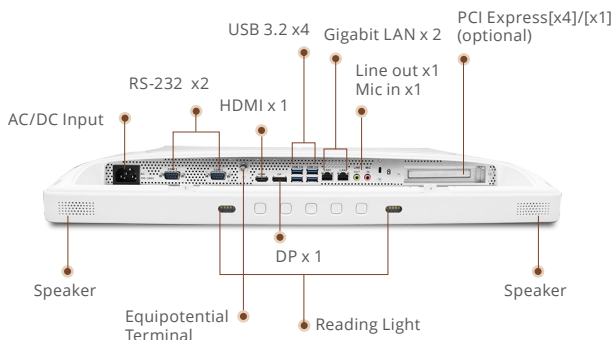
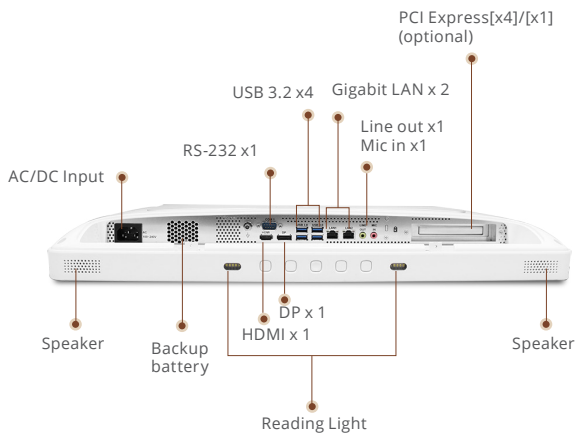


Powerful Medical All in One PC

# MATE2-2210

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



## Features

- Intel® 9th Generation Core™ i7/ i5 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 3.2 Gen1 Ports
- RS-232 x 2
- 8MP Camera with Mic (optional)
- PCI Express [x4] / [x1] x1 (optional)
- 25Wh Backup Battery (optional)
- Imprivata RFID Reader (optional)
- Reading Light

## Specifications

### MAIN SPECIFICATIONS

|                        |  |
|------------------------|--|
| Processor              | Intel® 9th Generation Core i7-9700TE 8 Cores 3.8GHz<br>Intel® 9th Generation Core i5-9500TE 6 Cores 3.6GHz |
| System Memory          | Supports Dual Channel DDR4 2666 SODIMM up to 64GB  |
| Expansion Interface    | PCI Express[x4]/[x1] x1 (optional)   |
| OS Support             | Windows® 10, Windows® 11, Linux®   |
| Storage Disk Drive     | M.2 2242 SSD x 1<br>2.5" SATA Hard Disk Drive/SSD x 1 (optional)   |
| Security               | Trusted Platform Module 2.0 ,<br>Imprivata RFID Reader (optional)  |
| Wireless Communication | 802.11 ac/a/b/g/n(optional), 802.11 ax (optional),<br>Bluetooth 5 (optional)                               |
| Speaker                | 2W x 2   |
| Function Key           | LCD Brightness Up/Down,<br>Touch Screen On/Off, Reading Light On/Off                                       |
| Power Requirement      | AC 80~264V / DC 12V/24V  |

### DISPLAY

|                      |                        |
|----------------------|------------------------|
| Size                 | 22" LCD                |
| Resolution           | 1920 x 1080            |
| Luminance            | 250 nits               |
| View Angle           | 178°(H)/178°(V)        |
| Contrast Ratio       | 1000:1                 |
| Back Light Life Time | 50,000 Hours           |
| Touch Screen         | Capacitive Multi-Touch |

### I/O

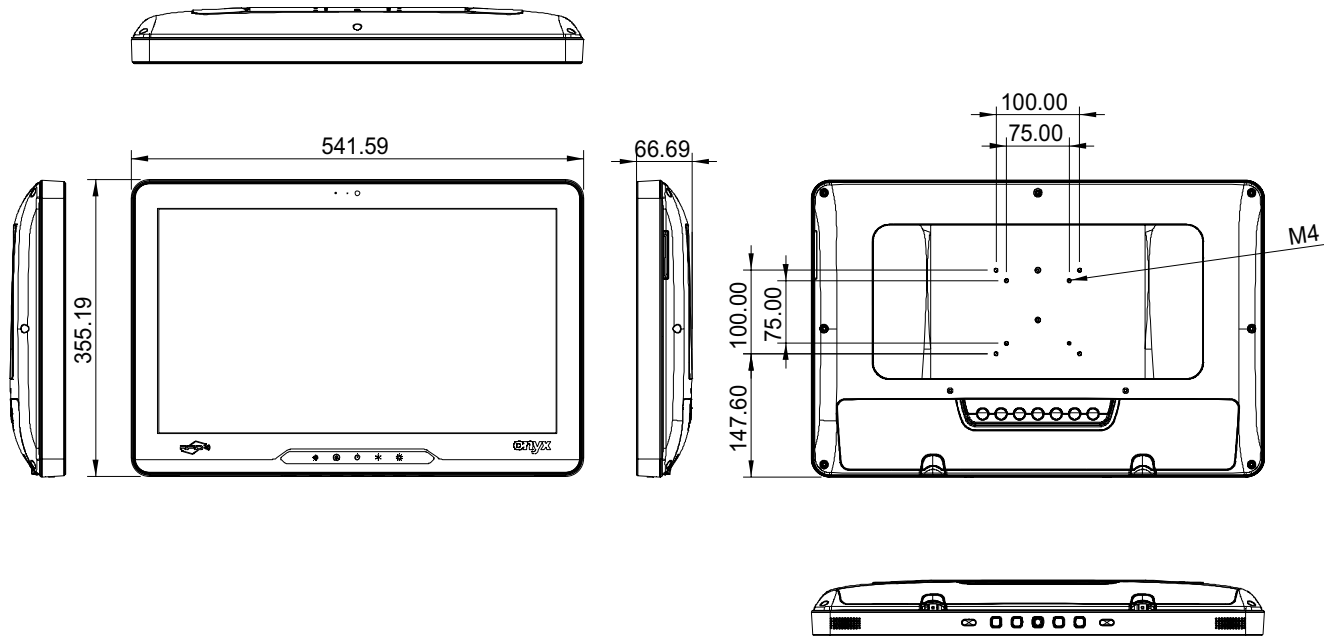
|             |   |
|-------------|---|
| USB         | USB 3.2 Gen 1 x 4   |
| Serial Port | RS-232 x 2 or x1 (When backup battery is installed)                           |
| Ethernet    | 1.5KV Isolated Gigabit LAN x 2  |
| Video Out   | Display Port 1.2 x1, HDMI 1.4b x 1<br>(Supports resolution up 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             | 542 x 355 x 67mm   |
| Package Size          | 711 x 195 x 503mm  |
| Gross Weight          | 11 kg (24.25 lb)   |
| Net Weight            | 7.5 kg(16.5 lb)  |
| Certifications        | CE: EN 60601-1-2:2015(V4.0),<br>EN 60601-1:2006/A1:2013(V3.1)<br>FCC: Part 18 Class B<br>UL: ANSI/AAMI ES60601-1:2012 (V3.1)<br>cUL: CAN/CSA-C22.2 No. 60601-1:2014 (V3.1) |

## 22" Fanless 9th Generation Core i7 Powerful Medical All in One PC

### Dimension / Unit: mm



### Ordering Information

- MATE2-2210-P1-A1/B1-0010  
Medical Panel PC, 22" LCD, Capacitive Touch, i7-9700TE, AC 80~264V / DC 12V
- MATE2-2210-P2-A1/B1-0010  
Medical Panel PC, 22" LCD, Capacitive Touch, i5-9500TE, AC 80~264V / DC 12V
- MATE2-2210-P1-A2/B2-0010  
Medical Panel PC, 22" LCD, Capacitive Touch, i7-9700TE, Backup Battery, AC 80~264V / DC 24V
- MATE2-2210-P2-A2/B2-0010  
Medical Panel PC, 22" LCD, Capacitive Touch, i5-9500TE, Backup Battery, AC 80~264V / DC 24V
- MATE2-2210-P1-A3/B3-0010  
Medical Panel PC, 22" LCD, Capacitive Touch, i7-9700TE, RFID Reader, AC 80~264V / DC 12V
- MATE2-2210-P2-A3/B3-0010  
Medical Panel PC, 22" LCD, Capacitive Touch, i5-9500TE, RFID Reader, AC 80~264V / DC 12V
- MATE2-2210-P1-A4/B4-0010  
Medical Panel PC, 22" LCD, Capacitive Touch, i7-9700TE, RFID Reader, Backup Battery, AC 80~264V / DC 24V
- MATE2-2210-P2-A4/B4-0010  
Medical Panel PC, 22" LCD, Capacitive Touch, i5-9500TE, RFID Reader, Backup Battery, AC 80~264V / DC 24V

### Optional Accessories

- OPM-R03X-A1  
PCI Express[x1] Riser Kit
- OPM-R04X-A1  
PCI Express[x4] Riser Kit
- OPM-C15W-A6  
WLAN Kit, IEEE 802.11a/b/g/n/ac + Bluetooth 5.1
- OPM-C18W-A2  
WLAN Kit, IEEE 802.11ax + Bluetooth 5.2
- OPM-V06C-A1  
8M Pixels Camera with Mic
- OPM-T038-A1  
2.5" SSD/HDD Kit
- OPM-C02C-A1  
Two Isolated RS-232 & One Isolated USB 2.0 Full Speed PCIe Card
- OPM-C02C-A2  
Two Isolated RS-232 PCIe Card
- OPM-C07U-A1  
Four Isolated USB 2.0 Full Speed Kit
- 1255301205  
Medical Power Adapter, 120W, 12V
- 1255301206  
Medical Power Adapter, 120W, 24V