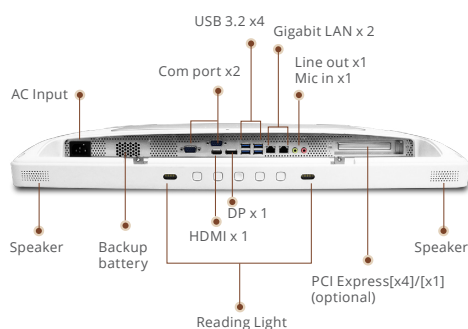


Powerful Medical All in One PC

## MATE2-2410

24" 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
- 24" 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 x [4] x 1 (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                                                          |
| Chipset                | Intel® H310                                                                                                |
| 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                                                                                                 |

#### DISPLAY

|                      |                        |
|----------------------|------------------------|
| Size                 | 24" LCD                |
| Resolution           | 1920 x 1080            |
| Luminance            | 250 nits               |
| View Angle           | 178°(H)/178°(V)        |
| Contrast Ratio       | 3000:1                 |
| Back Light Life Time | 30,000 Hours           |
| Touch Screen         | Capacitive Multi-Touch |

#### I/O

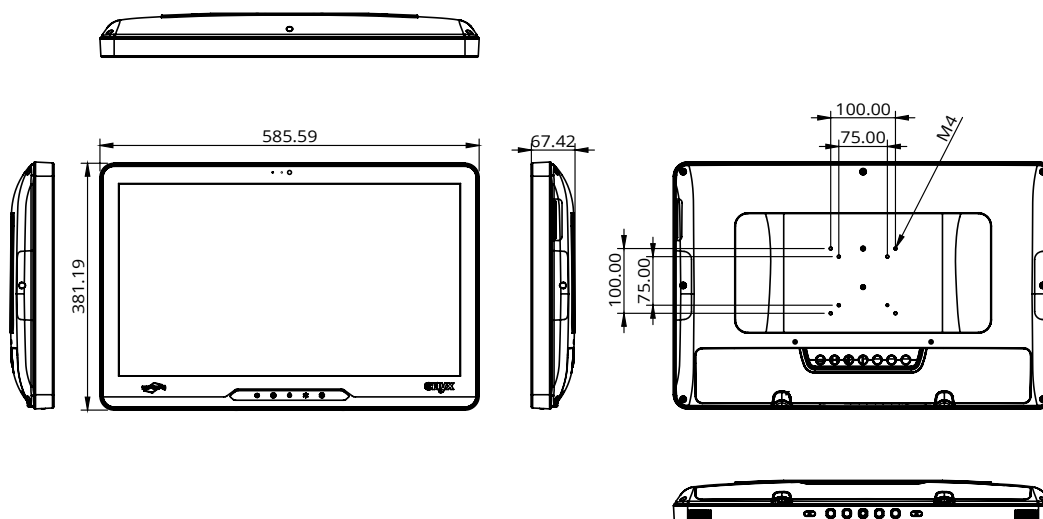
|             |                                                                               |
|-------------|-------------------------------------------------------------------------------|
| USB         | USB 3.2 Gen 1 x 4                                                             |
| Serial Port | RS-232 x 2                                                                    |
| 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             | 586 x 381 x 67mm                                                                                                                                                           |
| Package Size          | TBD                                                                                                                                                                        |
| Gross Weight          | 14 kg (30.86 lb)                                                                                                                                                           |
| Net Weight            | 8.7 kg(19.2 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) |

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

### Dimension / Unit: mm



### Ordering Information

- **MATE2-2410-P1-A1-0010**  
Medical Panel PC, 24" LCD, Capacitive Touch, i7-9700TE, AC 80~264V
- **MATE2-2410-P2-A1-0010**  
Medical Panel PC, 24" LCD, Capacitive Touch, i5-9500TE, AC 80~264V
- **MATE2-2410-P1-A2-0010**  
Medical Panel PC, 24" LCD, Capacitive Touch, i7-9700TE, Backup Battery, AC 80~264V
- **MATE2-2410-P2-A2-0010**  
Medical Panel PC, 24" LCD, Capacitive Touch, i5-9500TE, Backup Battery, AC 80~264V
- **MATE2-2410-P1-A3-0010**  
Medical Panel PC, 24" LCD, Capacitive Touch, i7-9700TE, RFID Reader, AC 80~264V
- **MATE2-2410-P2-A3-0010**  
Medical Panel PC, 24" LCD, Capacitive Touch, i5-9500TE, RFID Reader, AC 80~264V
- **MATE2-2410-P1-A4-0010**  
Medical Panel PC, 24" LCD, Capacitive Touch, i7-9700TE, RFID Reader, Backup Battery, AC 80~264V
- **MATE2-2410-P2-A4-0010**  
Medical Panel PC, 24" LCD, Capacitive Touch, i5-9500TE, RFID Reader, Backup Battery, AC 80~264V

### 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-A2**  
Four Isolated USB 2.0 Full Speed Kit