



POWERFUL MEDICAL ALL IN ONE PC

Medical AIO is a highly cost effective solution. Intel Core i9 processor, up to 64GB DDR5 and capacitive multi-touch screen enhance the efficiency of hospital applications. Fanless design keeps environment quiet and reduces the effort in cleaning. With one PCI Express[x4] slot, any standard PCI Express[x1/x4] card such as isolated RS-232 card and video capture card can be installed to enhance capability.

Key Features:

- 19"/22"/24" LCD with capacitive multi-touch
- Fanless Design for Quiet and Easy Maintenance
- Trusted Platform Module and RFID Reader for Security Enhancement
- Reading Light
- One PCI Express[x1] or [x4] Slot



Intel® Core
Platform for Critical
Applications



Super 3.0 for USB,
SATA and PCI-e



Quiet, Clean & Easy
Maintenance



Triple Isolation
Protection to
Patient



Dual Antennas with Best
WLAN performance



MATE2-2412

24" Fanless 13th Generation Core i9 Powerful
Medial All in One PC



MATE2-2212

22" Fanless 13th Generation Core i9
Powerful Medial All in One PC

SYSTEM

Processor	Intel® 13th Generation Core i9-13900TE 24 Cores 5.0GHz Intel® 13th Generation Core i7-13700TE 16 Cores 4.8GHz Intel® 13th Generation Core i5-13500TE 14 Cores 4.5GHz
System Memory	Supports Dual Channel DDR5 5600/4800 SODIMM up to 64GB
OS support	Windows® 10, Windows® 11, Linux®
Expansion Interface	PCI Express[x4]/[x1] (optional)
Security	Trusted Platform Module , Imprivata RFID Reader (optional))
Wireless Communication	802.11 ac/ax (optional), Bluetooth 5 (optional)

DISPLAY

Size	24" LCD	22" LCD
Resolution	1920 x 1080	1920 x 1080
Brightness	250 nits	250 nits
Touch Screen	Capacitive Multi-Touch	Capacitive Multi-Touch

I/O

USB	USB 3.2 Gen 2 x 2 , Gen 1 x 2 Isolated USB 2.0 Full Speed x4 (optional)	
Serial Port	RS-232 x 2	RS-232 x 2 or x1 (when backup battery is installed)
Ethernet	Gigabit LAN x 2	Gigabit LAN x 2
Video Out	HDMI 2.0 x 2 (Supports resolution up to 3840 x 2160)	HDMI 2.0 x 2 (Supports resolution up to 3840 x 2160)
Audio	Mic-in, Line-out	Mic-in, Line-out

MECHANICAL AND ENVIRONMENTAL

Operating Temperature	0°C ~ 35°C(32°F ~ 95°F)	0°C ~ 35°C(32°F ~ 95°F)
Storage Temperature	-20°C ~ 60°C(-4°F ~ 140°F)	-20°C ~ 60°C(-4°F ~ 140°F)
Mounting VESA	75/100 mm	75/100 mm
Degree of Protection	IP65 in the front ; IP54 in the back	IP65 in the front ; IP54 in the back
Dimension	586 x 382 x 67 mm	542 x 355 x 67 mm
Packing Size	755 x 195 x 528mm	711 x 195 x 503mm
Gross Weight	14 kg (30.86 lb)	11 kg (24.25 lb)
Net Weight	8.7 kg (19.2lb)	7.5 kg (16.5lb)
Certification	CE: EN 60601-1-2:2015(V4.0), EN 60601-1:2006/A1:2013(V3.1) FCC: Part 18 Class B UL: ANSI/AAMI ES60601-1:2012 (V3.1) cUL: CAN/CSA-C22.2 No. 60601-1:2014 (V3.1)	CE: EN 60601-1-2:2015(V4.0), EN 60601-1:2006/A1:2013(V3.1) FCC: Part 18 Class B UL: ANSI/AAMI ES60601-1:2012 (V3.1) cUL: CAN/CSA-C22.2 No. 60601-1:2014 (V3.1)



MATE-1903

19" Fanless 6th Generation Core i7 / i5 / i3 Powerful Medical All in One PC

SYSTEM

Processor	Intel® 6th Generation Core i7 / i5 / i3 Processor
System Memory	Supports Dual Channel DDR4 2133 SODIMM up to 32GB
OS support	Windows® 7, Windows® 10, Linux®
Expansion Interface	PCI Express[x1] (optional)
Security	Trusted Platform Module, RFID Reader (optional) Smart Card Reader x 1 (optional)
Wireless Communication	802.11ac, Bluetooth 5.1 (optional)

DISPLAY

Size	19" LCD
Resolution	1280 x 1024
Brightness	250 nits
Touch Screen	Capacitive Multi-Touch Screen

I/O

USB	USB 3.0 x 4, USB 2.0 x 2
Serial Port	RS-232 x 2
Ethernet	Gigabit LAN x 2
Video Out	Display Port x1, HDMI x1 (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	450 x 388 x 66 mm
Packing Size	640 x 220 x 520 mm
Gross Weight	11 kg (24.25 lb)
Net Weight	7.5kg (16.53lb)
Certification	CE: EN 60601-1-2:2015(V4.0), EN 60601-1:2006/A1:2013(V3.1) FCC: Part 18 Class B UL: ANSI/AAMI ES60601-1:2012 (V3.1) cUL: CAN/CSA-C22.2 No. 60601-1:2014 (V3.1)