

AI Hardware Solution

ACCEL-A2203

22" Medical AI Accelerator with NVIDIA Ampere MXM Graphics



MXM

Features

- NVIDIA RTX A1000/A2000/A4500 MXM Graphics
- Intel® 14th generation Core™ i9/ i7/ i5 / i3 Processor
- Support Dual Channel DDR5 5600Mhz SODIMM up to 96GB
- 22" Full HD High Contrast LCD w/ Capacitive Multi-Touch Screen
- 2.5 Gigabit LAN x 1, Gigabit LAN x 1
- High Speed USB 3.2 Gen2 Ports
- 8MP Camera with Mic (optional)
- Imprivata RFID Reader (optional)

Specifications

MAIN SPECIFICATIONS

Processor	Intel® 14th Gen Core i9-14900/ i7-14700/ i5-14500 (TDP 65W)
System Memory	Support Dual Channel DDR5 5600Mhz SODIMM up to 96GB
Expansion	M.2 2280 M Key x1
MXM Graphics	NVIDIA RTX A1000/A2000/A4500
OS Support	Windows® 10, Windows® 11, Linux®
Storage Disk Driver	M.2 2242 M Key NVMe x 1
Security	Trusted Platform Module 2.0 , Imprivata RFID Reader (optional)
Wireless Communication	802.11 ax (optional), Bluetooth 5.3 (optional)
Speaker	2W x 2
Function Key	Power on/off, LCD up/down, Touch enable/disable, Reading Light enable/disable
Power Requirement	Medical Adapter 250W 12V

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 Gen2 x 4, USB 3.2 Type C x 1 (optional)
Ethernet	2.5 Gigabit LAN x 1, Gigabit LAN x 1
Video Out	HDMI 2.0b x 2, Display Port 1.4a x 1
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	100 mm
Degree of Protection	IP65 in the front ; IPX1 in the back
Dimension	TBC
Package Size	TBC
Gross Weight	TBC
Net Weight	TBC
Certifications	CE: EN 60601-1-2:2015(V4.1) FCC: Part 18 Class B UL: ANSI/AAMI ES60601-1:2012 (V3.2) cUL: CAN/CSA-C22.2 No. 60601-1:2014 (V3.2)