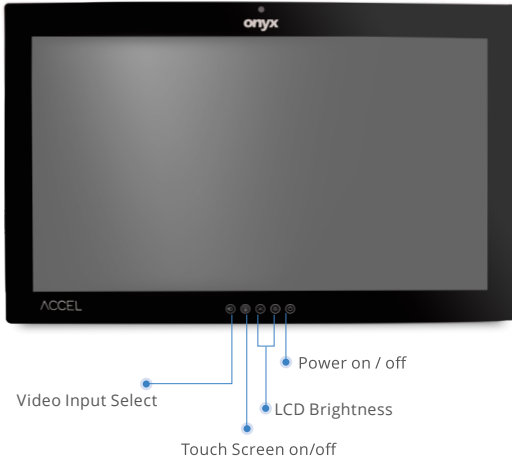


AI Hardware Solution

ACCEL-A3210

32" 4K UHD 14th / 13th Generation Core i9 Medical All in One PC for AI Inference



Features

- Intel® Core™ i9-14900/ 13900E (TDP 65W)
- Supports DDR5 4800 MHz SODIMM up to 64GB
- 32" UHD 3840x2160 500-nits High Contrast LCD
- Capacitive Multi-Touch Screen
- 5 Programmable Smart Function Keys with Dual Colors LED Status Indication
- LAN/USB(optional)/COM(optional) Medical Isolation
- Dual Slots PCI Express[x16] x1 for High End Graphics Card /GPU Accelerator Card up to 250W
- PCI Express[x4] x 2 for video capture card and I/O expansion
- Trusted Platform Module 2.0
- 100V to 240V AC Input

Specifications

MAIN SPECIFICATIONS

Processor	Intel 14th Gen i9-14900 (TDP 65W) Intel 13th Gen i9-13900E (TDP 65W)
Chipset	R680E
System Memory	DDR5 4800 MHz SODIMM x 2, support up to 64GB
Expansion	PCI Express[x16] x1, PCI Express[x4] x2, M.2 2230 (E Key) x1
Storage Disk Drive	2.5" SATA HDD/SSD x 2, M.2 2280 NVMe SSD x 2
Security	Trusted Platform Module 2.0
Wireless Communication	WiFi 6+Bluetooth 5.3 with M.2 2230 & two dual band antennas
Speaker	5W x 2
Function Key	Power On/Off, LCD Brightness Up/Down, Touch Screen On/Off, Video Input Select
Power Requirement	100~240V AC
OS Support	Windows 11 IoT, Windows 10 IoT, Linux

DISPLAY

Size	32" LCD
Resolution	3840 x 2160
Luminance	500 nits
View Angle	178°(H)/178°(V)
Contrast Ratio	1000:1
Back Light Life Time	30,000 Hours
Touch Screen	Capacitive Multi-Touch

I/O

USB	USB 3.2 Gen 2 x 4, USB 3.2 Type C x 1 (5V,3A)
Serial Port	RS232 x 2, Isolated RS-232 x2 (optional)
Ethernet	Isolated 2.5 Gigabit LAN x2
Audio	Mic-in (optional), Line-out (optional)
Video Out	Display Port x1
Video In	HDMI x1

MECHANICAL AND ENVIRONMENTAL

Power Consumption	TBC
Operating Temperature	0°C ~ 35°C(32°F ~ 95°F)
Storage Temperature	-20°C ~ 60°C(-4°F ~ 140°F)
Mounting	VESA 100mm
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)
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