

Medical AI Inference Panel PC

ACCEL-JS221

22" FHD Nvidia Jetson AGX Xavier Medical All in One PC for AI Inference



Features

- 22" Full HD LCD Wide Viewing Angle
- Capacitive Multi-Touch Screen
- Nvidia Jetson AGX Xavier Platform for Medical AI usage
- 512-core Volta GPU with Tensor Cores
- Support optional 3G or 12G SDI input for image capture
- Support 4K resolution HDMI display output

Specifications

Main Specifications

Model Name	ACCEL-JS221
CPU	Nvidia Jetson AGX Xavier 8-Core ARM v*.2 64bit CPU, 8MB L2 + 4MB L3
System Memory	32GB 256-Bit LPDDR4
Graphics	512 Core Volta GPU with Tensor Cores
Storage	32GB eMMC and M.2 NVMe SSD x 1
OS support	Linux
Security	TPM2.0 Chip (Infineon SLB9670XQ2.0)
Speaker	2W x 2
Function Key	Power On/Off, LCD, Brightness Up/Down, Touch Screen On/Off
Power Requirement	100~240V AC

Display

Size	22" AHVA 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 Type C x 2 for USB 3.2 Gen 1, USB Type A x 1 for USB 3.2 Gen 1 USB Type A x 1 for USB 2.0
Ethernet	Gigabit LAN x 1
Video Out	HDMI 2.0 x 1
Video in(Optional)	3G SDI or 12G SDI
Serial port	Com x 1

Mechanical and Environmental

Operating Temperature	0°C ~ 35°C(32°F ~ 95°F)
Storage Temperature	-20°C ~ 60°C(-4°F ~ 140°F)
Mounting	75/100 mm
Degree of Protection	IP65 in the front, IPX1 in the back
Dimension	532 x 345 x 65 mm
Package Size	TBD
Gross Weight	TBD
Net Weight	TBD
Certifications	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)