

Medical AI Inference Panel PC

# ACCEL-JS221/JS241

22" / 24" FHD NVIDIA Jetson AGX Orin Medical All in One PC for AI Inference



## Features

- 22" / 24" Full HD LCD Wide Viewing Angle
- Capacitive Multi-Touch Screen
- NVIDIA Jetson AGX Orin Platform for Medical AI usage
- Support optional 3G / 12G SDI or HDMI input for image capture

## Specifications

### Main Specifications

Model Name	ACCEL-JS221	ACCEL-JS241
CPU	NVIDIA Jetson AGX Orin 12-core Arm® Cortex®-A78AE v8.2 64-bit CPU3MB L2 + 6MB L3 / 8-core Arm® Cortex®-A78AE v8.2 64-bit CPU 2MB L2 + 4MB L3	
System Memory	64 / 32GB 256-Bit LPDDR5	
Graphics	NVIDIA Ampere architecture 2048 NVIDIA CUDA® cores and 64 Tensor Cores / 1792 NVIDIA CUDA® cores and 56 Tensor Cores	
Storage	64GB 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

	22" LCD	24" LCD
Size	22" LCD	24" LCD
Resolution	1920 x 1080	
Luminance	250 nits	
View Angle	178°(H)/178°(V)	
Contrast Ratio	1000:1	3000:1
Back Light Life Time	50,000 Hours	30,000 Hours
Touch Screen	Capacitive Multi-Touch	

### I/O

USB	USB Type C x 2 for USB 3.2 Gen 1, USB Type A x 2 for USB 2.0
Ethernet	Gigabit LAN x 1
Video in(Optional)	3G / 12G SDI or HDMI
Serial port	RS-232 x 2

### 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	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)	