

Medical PC & Monitor for Digital OR

ACCEL-JS500

Nvidia Jetson AGX Xavier platform for Medical AI Application



Features

- 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 Dual 4K display output (HDMI and Display port)
- Support optional internal speaker
- Medical Certification
- Palm size dimension with powerful AI computing

Specifications

Main Specifications

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)
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 Display Port x 1
Video in(Optional)	3G SDI or 12G SDI
Audio	Mic-in x 1 , Line out x 1
Serial port	Com x 1
Function Port	Reset Button x 1 Recovery Button x 1
Security	HDMI 2.0 x 1 Display Port x 1
Power	DC 12V, 84W External Adapter
Operating temperature	Operating Temperature 0 to 35°C
Storage temperature	Storage Temperature -20C to 60°C
Dimension	170 x 130 x 60 (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/A12:2014 (V3.1) FCC: Part 18 Class B, Part 15 Class B, UL: ANSI/AAMI ES60601-1:2012 (V3.1) cUL: CAN/CSA-C22.2 No. 60601-1:2014 (V3.1)