

AVR-200-AGXO

Rugged AI GPGPU System



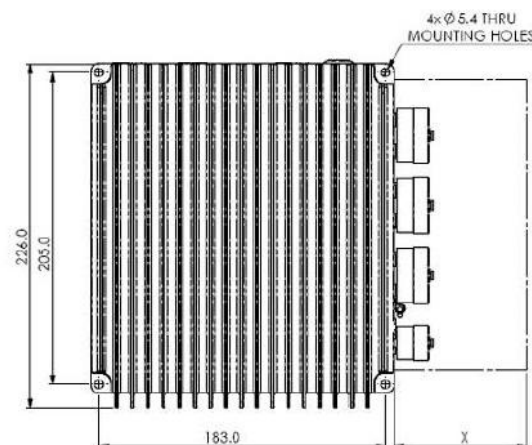
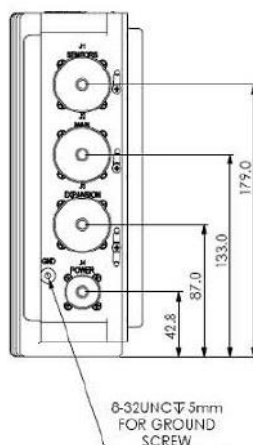
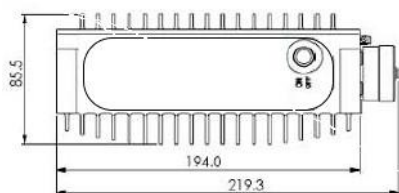
Features

NVIDIA AGX Orin GPGPU SoM
 CPU: 8 cores ARM Cortex
 GPU: 1792 cores Ampere GPU + 56 Tensor cores
 32GB LPDDR5, 64GB eMMC 5.1
 12-36VDC input with EMI filter

Small size weight and power rugged powerful GPGPU system for AI applications includes NVIDIA Jetson AGX Orin GPGPU SoM with rich variety of I/O options. 32GB DDR5 memory, 64GB eMMC, all in a ruggedized small embedded system.

Specification

Processor	SOM	NVIDIA Jetson AGX Orin	
	Memory	32GB LPDDR5x	
	Storage	64GB eMMC onboard, M.2 up to 1TB	
Expansion	M.2 Expansion slots	2x M.2 slots (1x E key, 1x B key)	
38999 I/O Connectors	Video	1x HDMI	
	Ethernet	2 x 1G Base-T; 2x 10G Base-T	
	Serial UART	2x RS-232/485	
	USB 3.0	1x USB3.0 ; 1x USB 3.0 OTG	
	GPIO	10x 3.3V I/O	
Power Supply	12-36VDC Input (with integrated EMI Filters)		
Environment		Operating	Non-operating
	Temperature	-40 ~ 55° C	-40 ~ 85° C
	IP Rating	IP67	
	Environmental	MIL-STD-810	
	EMI/EMC	MIL-STD-461	
Physical Characteristics	Dimensions (W x H x D)	219 x 226 x 85 mm	
	Weight	~3Kg	



Ordering Information