

AVR-155

Rugged SWaP AI System



Features

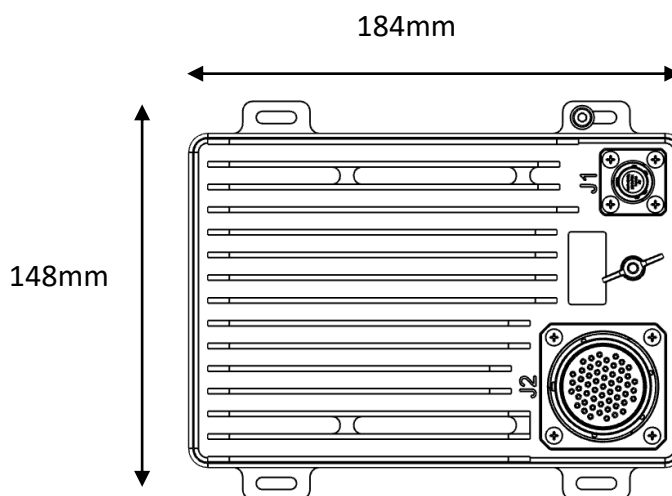
Jetson Orin™ NX Processor
 Dual GbE, Dual USB2.0. HDMI Video output
 12-36VDC Input with EMI Pre filter
 MIL-STD-810, MIL-STD-461, MIL-STD-1275 Compliant

Small size weight and power rugged PC system includes Jetson Orin™ NX Processor with rich variety of I/O options. Onboard memory with extended temperature support all in a ruggedized small form factor embedded system.

Specification

Processor	CPU	Jetson Orin™ NX Processor	
	Memory	16GB memory	
	Storage	Up to 1TB (see ordering options below)	
38999 Connector	Ethernet	2x ETH 1000 Mbps	
	USB 2.0	2x USB2.0	
	I/O (optional)	8-bit GPIO, I2C 3.3V, 3.3V TTL UART	
	Video	1x HDMI	
Power Supply	12-36VDC (with integrated Power Supply & 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)	148 x 50 x 184 mm	
	Weight	<1.5Kg	

Dimensions



Ordering Options

AVR-155-C1	SWaP Rugged Jetson Orin™ NX, 16GB memory, 512GB storage
AVR-155-C2	SWaP Rugged Jetson Orin™ NX, 16GB memory, 1TB storage