

CyberEdge AI Series

Industrial AI Box PCs



Technical Specifications

CPU Support	NVIDIA® Jetson Orin™ NX, 8-core Arm Cortex-A78AE v8.2 64-bit CPU
GPU	NVIDIA® Ampere™ GPU with 32 Tensor cores
Memory	16GB LPDDR5 Memory
Networking	2x 10/100/1000 Mbps GigE Ethernet LAN Optional Intel® AX210 WiFi6E Support Optional 5G/4G LTE/GPS Support
Storage	256GB NVMe Standard, Up to 1TB NVMe
Power Input	DC 9V to 50V
Power Supply	120W 24V@5A DC Power Supply
Mounting	Comes with Wall Mount, optional DIN Rail Mount
Software	Linux with Comprehensive NVIDIA® JetPack SDK for AI applications
Ignition Control	16-Modes Control, 3 Pin Remote Power Switch

Mechanical & Environmental

Dimensions	7.60" x 5.20" x 2.17" (L,W,D) [CyberEdge Ai1] 7.60" x 5.20" x 3.15" (L,W,D) [CyberEdge Ai2/Ai3]
Weight	3.85 lbs [CyberEdge Ai1] 4.25 lbs [CyberEdge Ai2/Ai3]
Temperature	Operating Temperature: -25°C~70°C, 5%~95% (non-condensing)

Input/Output

I/O Ports	1x HDMI up to 3840 x 2160 @60Hz 2x 1GB LAN Ports 2x USB 3.1 Gen2 1x USB 3.1 Gen1 1x GPIO (7-bit)	1x MicroUSB Console and Recovery Port 2x COM (RS-232/422/485) 1x CAN FD Bus (CyberEdge Ai2/Ai3) 4x GMSL Camera Input Ports (CyberEdge Ai2) 4x PoE Power Sourcing Ports (CyberEdge Ai3)
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