

Beyond Edge仕様書

4×PSE and Digital I/O for IP Camera & Edge



特徴

- Powered by NVIDIA® Jetson Orin™ NX up to 100 / 70 TOPS
- 4×PSE for IP Camera (4×15W)
- 16 Port of Digital I/O
- 2×M.2 M Key, Gen 4×4 / Gen 4×1
- Fan less Design
- 4×USB3.2 Gen2
- RS232 / RS485

装置仕様

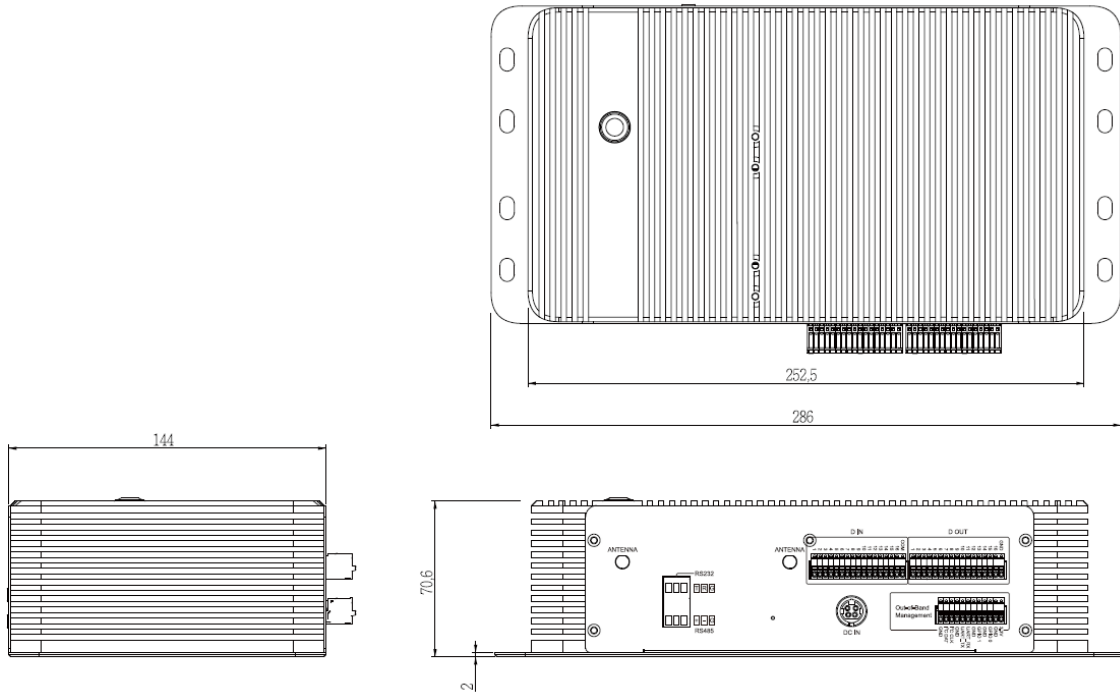
システム		
CPU	NVIDIA Jetson Orin™ NX 8GB 6-Core Arm® Cortex®-A78AE v8.2 64-Bit CPU 1.5MB L2 + 4MB L3	NVIDIA Jetson Orin™ NX 16GB 8-Core Arm® Cortex®-A78AE v8.2 64-Bit CPU 2MB L2 + 4MB L3
GPU	1024-Core NVIDIA Ampere Architecture GPU with 32 Tensor Cores	
AI Performance	NVIDIA Jetson Orin™ NX 8GB 70 TOPS	NVIDIA Jetson Orin™ NX 16GB 100 TOPS
System Memory	NVIDIA Jetson Orin™ NX 8GB 8GB LPDDR5	NVIDIA Jetson Orin™ NX 16GB 16GB LPDDR5
インターフェイス		
Storage	Supports External NVMe	
Display Interface	2×HDMI2.0	
Ethernet	1×RJ45 for 10/100/1000Mbps Ethernet DHCP Client	
Expansion Slot	M.2 1×M.2 2280/3080 M Key PCIe Gen4×4 Slot 1×M.2 2280 M Key PCIe Gen4×1 Slot	
USB	4×USB3.2 Gen2 (Type-A) 2×USB3.2 Gen1 (Pin Header)	
MIPI	2×4MIPI CSI-2 Lanes (D-PHY 2.1, Support MIPI Camera, Capture Card)	
Audio	1×Line In (3.5mm or Pin Header) 1×Line Out (3.5mm or Pin Header)	
Peripheral Communication	1×RS232 (Phoenix Connector or Pin Header) 1×RS485 (Phoenix Connector or Pin Header) 4×GPIO (Pin Header) 3×I2C (Pin Header)	
Misc. Features	IP30 Firmware Upgradable AutoPower (Pin Header)	

カメラ・デジタルI/O

PSE Feature	
IP Camera	4×RJ45 for 10 / 100 / 1000Mbps Ethernet with IEEE802.3af and IEEE802.3at Compliant
PSE Power Supply	4×15W (IEEE802.3af) or 4×30W (IEEE802.3at)
Digital I/O Feature	
Input	16+1 (COM)
Output	16+1 (COM)
Logic Level	Low: 0V~+10V, 0~-10V High: +10V~+30V, -10V~-30V

装置

- 筐体寸法: 252.5mm×70.6mm×144mm
- 主基板寸法: 140mm×90mm
- 質量: 3Kg



I/O Layout

- Case

