

HardEdge - Soter

AI Edge NVR



Features

- Fanless AI network video recorder system
- NVIDIA Jetson NX 8G/16G and Nano module support
- Supports Ethernet x 9 ports (PoE x 8, GbE x 1)
- Supports AI functions
- CE, FCC, EN50155

Specifications

System Interface	Front I/O Panel	Power button x 1 IR receiver x 1 USB 2.0 x 1 GbE port x 1; PoE port x 8 Micro USB2.0 (Internal OTG) x 1 2.5" SSD bay x 1 SIM card slot x 1 LED indicator x 2 (HDD, Fail)
	Rear I/O Panel	Audio input x 1, Audio output x 1 USB 3.0 x 1, RS-232 x 1, RS485 x 1 HDMI x 1 Alarm IO (4-input, 4-output) x 1 Power input x 1 Antenna port x 5
	Expansion Slot	Mini PCIe x 2 (full-size USB2.0 x 1, half-size USB2.0 x 1)
	GPS/ G-Sensor	Onboard G-Sensor, GPS optional
General	Power Supply	DC 9-36V (with ignition pin)
	Dimension	175.6 x 183.3 x 50.5mm / 6.9" x 7.2" x 2" (without bracket)
	Weight	1.8kg / 4lb
	Operating Temp	-20°C ~+65°C
	Storage Temp	-20°C ~+85°C
	Storage Humidity	95% @ 40 °C (non-condensing)
Certification	CE, FCC	

NVIDIA Jetson Module

	Xavier NX	Nano
CPU	6-core NVIDIA Carmel ARM®v8.2 64-bit CPU 6MB L2 + 4MB L3 processor	Quad-core ARM Cortex-A57 MPCore processor
GPU	NVIDIA Volta™ architecture with 384 NVIDIA CUDA® cores and 48 Tensor cores	NVIDIA Maxwell architecture with 128 NVIDIA CUDA® cores
Memory	8 GB 128-bit LPDDR4x @ 51.2GB/s	4 GB 64-bit LPDDR4 @25.6 GB/s
Storage	16 GB eMMC 5.1	16 GB eMMC 5.1

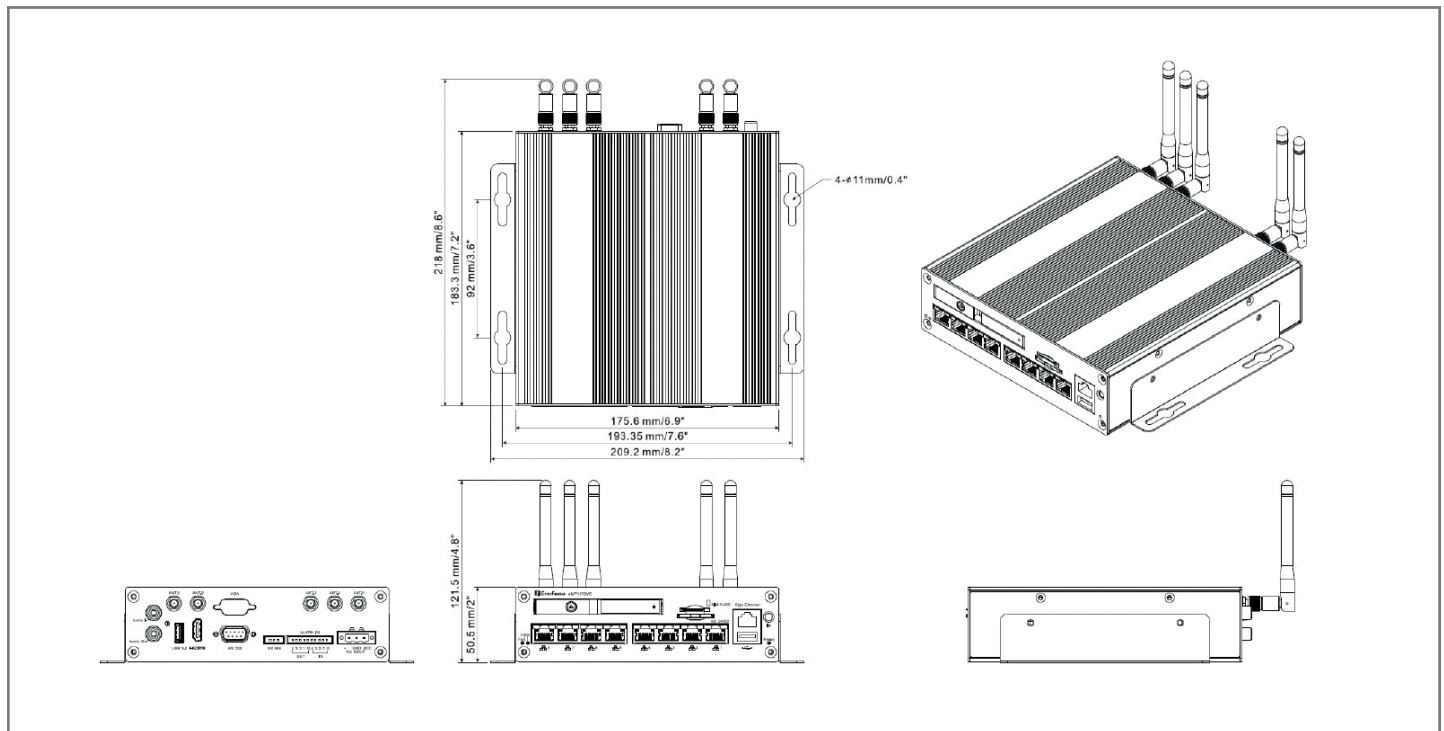
Front View



Back View



Mechanical



Ordering Information

Part Number	Description
PNYHESOTERNX-201	- AI Network Video Record system with Jetson NX 8G module, Fanless, 9-36V DC in, including 90W 19V Adapter



Peripheral (Optional)

Item	Description
Power Cord	EU Power Cord
	US Power Cord
GPS	GPS module package
Mini PCIe Half size	JJPlus 11ac WiFi module
Mini PCIe Full size	Quectel EP06 Series (LTE Cat.6)