

HardEdge-Soter



AI Edge NVR



Features

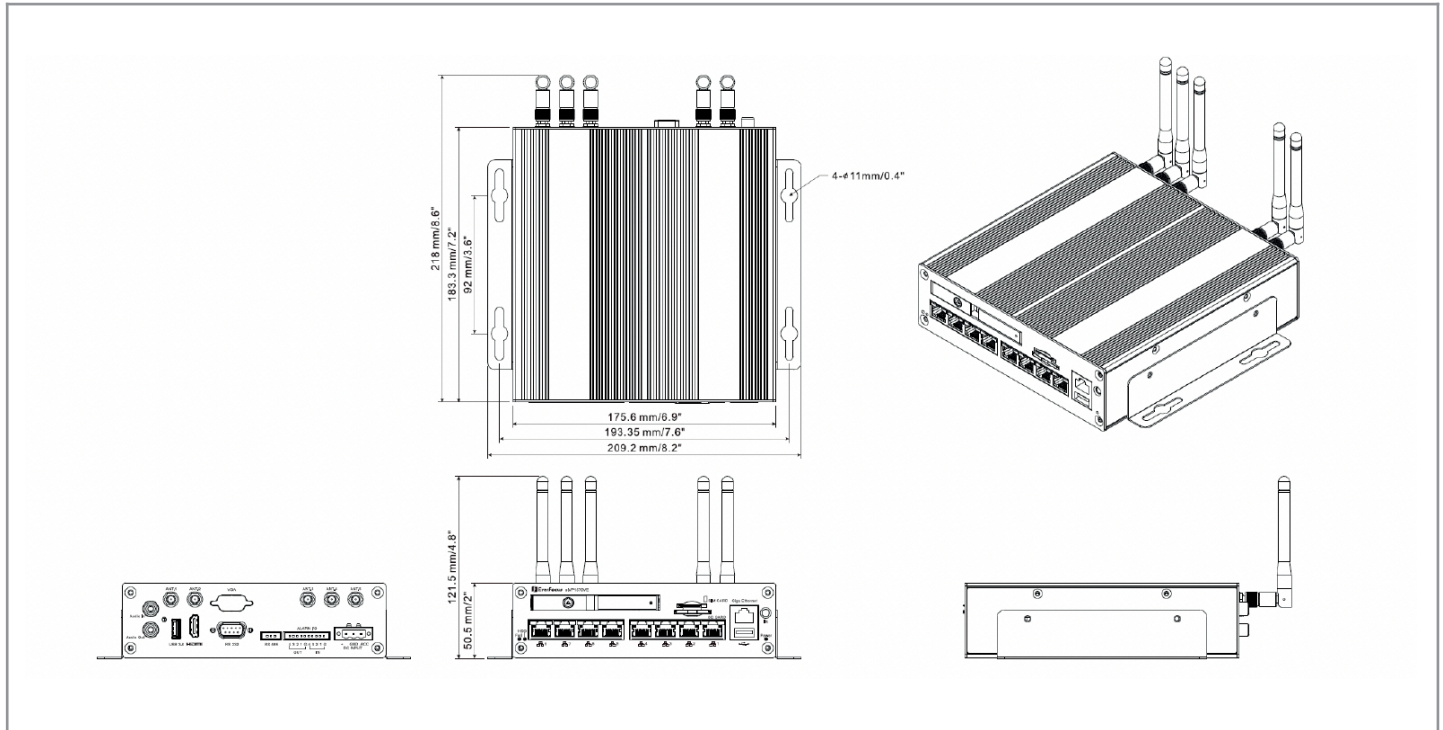
- Fanless AI network video recorder system
- NVIDIA® Jetson Xavier NX™ module support
- Supports 9x Ethernet (8x PoE, 1x GbE)
- Used for LPR, people/vehicle detection, etc



Specifications

| | | | |
|-------------------------|------------------|--|--|
| NVIDIA Jetson Xavier NX | Xavier NX 16GB | CPU | 6-core NVIDIA Carmel ARM®v8.2 64-bit CPU 6MB L2 + 4MB L3 processor |
| | | GPU | NVIDIA Volta™ architecture with 384 NVIDIA CUDA® cores and 48 Tensor cores |
| | | Memory | 16 GB 128-bit LPDDR4x @ 59.7GB/s |
| | | Storage | 16 GB eMMC 5.1 |
| | Xavier NX 8GB | CPU | 6-core NVIDIA Carmel ARM®v8.2 64-bit CPU 6MB L2 + 4MB L3 processor |
| | | GPU | NVIDIA Volta™ architecture with 384 NVIDIA CUDA® cores and 48 Tensor cores |
| | | Memory | 8 GB 128-bit LPDDR4x @ 59.7GB/s |
| | | Storage | 16 GB eMMC 5.1 |
| General | BSP | Jetpack 4.6 | |
| | Power Input | DC 9-36V (with ignition pin) | |
| | Certification | CE, FCC | |
| Physical I/O | Front I/O | 1x IR receiver 1x USB 2.0 1x GbE port 8x PoE port 1x Micro USB2.0 (Internal OTG) 1x 2.5" SSD bay 1x SIM card slot 3x LED indicator (HDD, Fail, Power) | |
| | Rear I/O | 1x Audio input 1x Audio output 1x USB 3.0 1x RS232 1x RS485 1x HDMI 4x Alarm I/O (4-input, 4-output) 1x Power input 5x Antenna port | |
| Expansion | Expansion Slot | 2x Mini PCIe (1x full-size USB2.0, 1x half-size USB2.0) | |
| | GPS/ G-Sensor | Onboard G-Sensor, GPS optional | |
| Environment | Operating Temp | -20°C ~+65°C | |
| | Storage Temp | -20°C ~+85°C | |
| | Storage Humidity | 95% @ 40 °C (non-condensing) | |
| Mechanical | Dimension | 175.6 x 183.3 x 50.5mm (L x W x H) (w/o bracket) | |
| | Weight | 1.8kg | |

Mechanical



Ordering Information

| Part Number | Description |
|-------------|--|
| HAEG-SS1VN | AI NVR System with Jetson Xavier NX 8G module, 9-36V DC in, including 90W 19V Adapter |
| HAEG-SS1WN | AI NVR System with Jetson Xavier NX 16G module, 9-36V DC in, including 90W 19V Adapter |

Packing List

| Item | Description | Qty |
|---------------|---|-----|
| HAEG-SS1 | AI NVR System with NVIDIA Jetson module | 1 |
| Power Adapter | DC 19V/4.73A, Terminal block | 1 |

Accessories (Optional)

| Part Number | Description |
|----------------|--|
| 1Y0701830000HY | US Power Cord |
| 1Y0701830100HY | EU Power Cord |
| 51-U0000000004 | Quectel EP06 Series (LTE Cat.6) LTE Antenna and Coaxial cable |
| | 2.5-inch SATA SSD |
| 51-U0000000005 | WIFI module WIFI Antenna and Coaxial cable |