

eNVP-JNN-IV-V0008 (eIVP1570VE)

NVIDIA Jetson Nano AI Mobile NVR
Supports up to 8 PoE Ports



Features

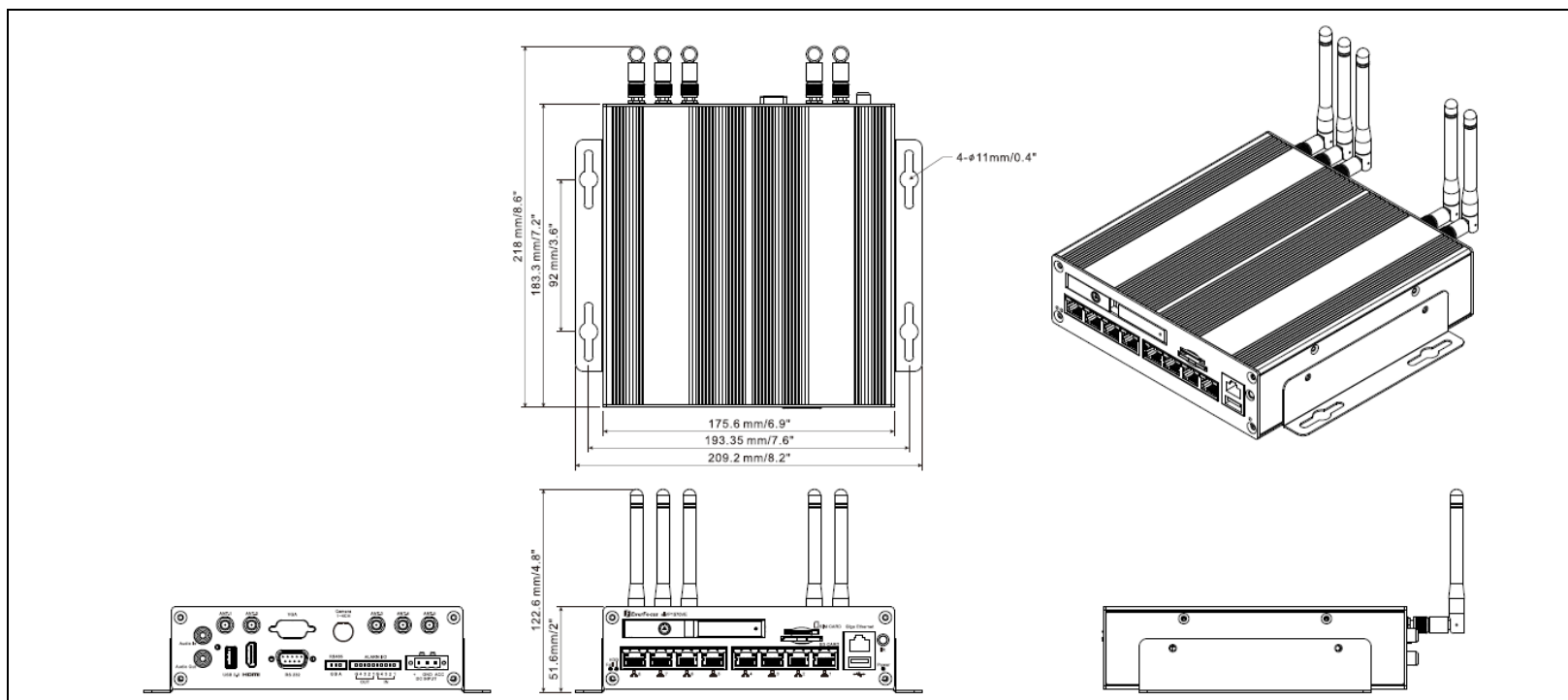
- Fanless AI network video recorder
- Quad-core ARM® Cortex®-A57 MPCore processor
- NVIDIA Maxwell™ architecture with 128 NVIDIA CUDA® cores
- Onboard 4 GB 64-bit LPDDR4 memory
- Supports 8 PoE ports
- Supports one HDMI display output
- Supports Ethernet x 9 ports (PoE x 8, GbE x 1)
- Supports ONVIF 2.0, 2MP IP camera up to 8 channels
- Supports AI functions
- CE, FCC, E-Mark, EN50155, MIL-STD-810G

Specifications

System	
CPU	Quad-core ARM® Cortex®-A57 MPCore processor
GPU	NVIDIA Maxwell™ architecture with 128 NVIDIA CUDA® cores
Main Memory	Onboard 4 GB 64-bit LPDDR4
OS	16 GB eMMC
Video	
Format	H.264 / H.265
Video Input	SKU1: IP camera x 8 ; SKU2: IP camera x 4, analog camera x 4 (M12 to BNC x 4, with DC-Jack x 4 (total 2A))
Video Output	HDMI 2.0 x 1 max. 3840 x 2160; VGA x 1 (optional)
Resolution	1 x 4K @ 60fps 2 x 4K @ 30fps 8 x 1080p @ 30fps
Audio	
Audio Input	RCA x1
Audio Output	RCA x1
Recording	
Format	H.264 / H.265
Resolution	4K @ 60fps 2x 4K @ 30fps 8x 1080p @ 30fps
Storage	
SATA SSD	2.5" SATA x 1 (removable)
RAID	N/A
Network	
Ethernet	GbE port x1, PoE ports (10/100 MbE, total 75W): SKU1 x 8 PoE, SKU2 x 4 PoE
Wi-Fi / 3G / 4G	Supported (optional)
GPS / G-sensor	Onboard G-Sensor, GPS (optional)
Alarm	
Alarm In/Out	Input x 4; Output x 4

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)
Software Support	
NVR Software	EverFocus AiO NVR (Ubuntu 18.04)
General	
Power Supply	DC 9 – 36V (with ignition pin)
Dimensions (W x D x H)	175.6 x 183.3 x 50.5mm / 6.9" x 7.2" x 2" (without bracket)
Gross Weight	1.8kg / 4lb
Operating Temp.	-4°F ~149°F (-20°C ~+65°C)
Storage Temp.	-4°F ~185°F (-20°C ~+85°C)
Storage Humidity	95% @ 40 °C (non-condensing)
Vibration/Shock	MIL-STD-810G
Certification	CE, FCC, E-Mark, EN50155, MIL-STD-810G

Dimension



Unit: mm / inch

Ordering Information

Part Number	Packing List
2EIVP15IAP0001R eIVP1570VE, NVIDIA-A57, Hybrid, DC 9~36V	<ul style="list-style-type: none"> NVR x 1 Power harness cable x 1 SSD lock key x 2 Mounting bracket screw kit x 1 (with 4 screws and 8 spacers)
2EIVP15IAP0002R eIVP1570VE, NVIDIA-A57, Hybrid, DC 9~36V, Gray, No Brand	
2EIVP15IAR0001R eIVP1570VE Main + PoE + IO Board	

Optional Accessories

Part Number / Item	
5SSWD1TSA00002R	WD 2.5" Blue SATA SSD 1TB
3EIVP15ITH0002R	Adaptor 19V_4.74A+terminal_block_3p_5mm
21PLS8EUA00001R	4G module; Gemalto 4G-EU with Packing
3EMV161FST0004R	GPS module package
21SPL273A00001R	AC Wifi module package (EMV1200/800/400 WiFi AC 5G WiFi module)