

# eNVP-JNX-IV-D0008

NVIDIA Jetson® Xavier NX AI NVR  
Supports up to 8 PoE Ports



## Features

- AI Network video recorder platform
- 6-core NVIDIA Carmel ARM®v8.2 64-bit CPU 6MB L2 + 4MB L3 processor
- NVIDIA Volta™ architecture with 384 NVIDIA CUDA® cores
- Onboard 8 GB 128-bit LPDDR4x @ 1600 MHz 51.2GB/s
- 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 certified



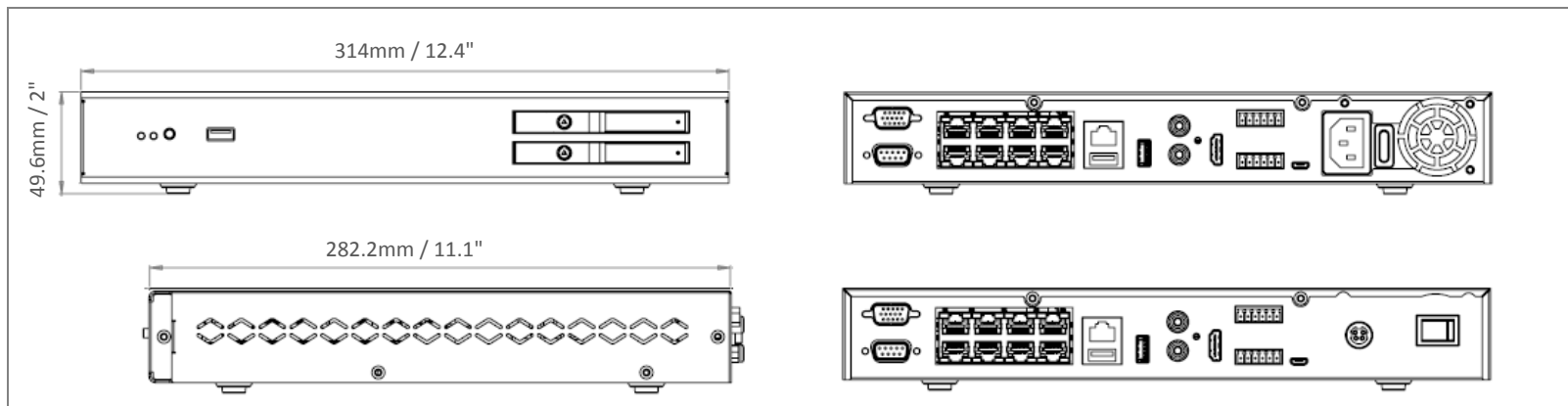
## Specifications

System	
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 (21 TOPS [ INT8 ] )
Main Memory	Onboard 8 GB 128-bit LPDDR4x @ 1600 MHz 51.2GB/s
OS	16 GB eMMC 5.1
Video	
Format	H.265 / H.264
Video Input	IP camera x 16 EverFocus AiO NVR: up to 8ch
Video Output	HDMI x 1 (2.0 a/b maximum 3840 x 2160); VGA x 1 (optional)
Resolution	4K @ 60fps x 2   4K @ 30fps x 4   1080p @ 30fps x 16
Audio	
Audio Input	RCA x1
Audio Output	RCA x1
Recording	
Format	H.265 / H.264
Resolution	4K @ 60fps x 2   4K @ 30fps x 4   1080p @ 30fps x 16
Storage	
2.5" SATA HDD	SKU1/SKU3: x 1; SKU2/SKU4: x 2
Removable SSD Tray	Supported
RAID	NA
Network	
Ethernet	GbE port x1, PoE port (10/100 MbE, 52V/2.5A, total 130W based) x 8
Wi-Fi / 3G / 4G	NA
GPS / G-Sensor	NA

Alarm	
Alarm In/Out	Alarm Input x 4; Alarm Output x 4
Interface	
Front I/O Panel	LED indicator x 2 (HDD, power) Power button x 1 USB 2.0 x 1
Rear I/O Panel	USB 3.0 x 1 USB 2.0 x 1 Micro USB 2.0 (Internal OTG) x 1 RS-485 x 1, RS-232 x 1 GbE port x 1 PoE port x 8 Audio in x 1, Audio out x 1 HDMI x 1VGA x 1 (optional) Power switch x 1, Power input port x 1 Alarm IO (4-input, 4-output) x 1
Expansion Slot	NA
General	
Power Supply	SKU1/SKU2: AC100-240V, 180W ATX SKU3/SKU4: DC48V, 2.5A, 120W
Dimensions (W x D X H)	314 x 282.2 x 49.6mm (12.4" x 11.1" x 2")
Gross Weight	SKU1: 3kg / 6.6lb; SKU2: 3.1kg / 6.8lb SKU3: 2.5kg / 5.5lb; SKU4: 2.6kg / 5.7lb
Operating Temp.	32°F ~104°F (0°C ~+40°C)
Storage Temp.	-4°F ~185°F (-20°C ~+85°C)
Storage Humidity	95% @ 40 °C (non-condensing)
Vibration/Shock	0.25 Grms @ 5 ~ 500 Hz, random, 1 hr/axis
Certification	CE, FCC

## Dimension

Unit: mm/inch



## Ordering Information

Part Number	Packing List
<b>2ENXR18DAU0001R</b> eNVP-JNX-IV, Jetson NX, 8PoE, ATX 100 ~240V	<ul style="list-style-type: none"> <li>AI NVR x 1</li> <li>SSD Lock Key x 2</li> <li>Power Cord x 1 (for AC100-240V only)</li> <li>Power Adapter x 1 (for DC48V only)</li> </ul>

## Optional Accessories

Part Number / Item	
5SSWD1TSA00002R	WD 2.5" Blue SATA SSD 1TB