

# PNSA 3190

1U Rackmount NVR Platform w/ Intel® Celeron® Processor,  
Eight 10/100 Copper Ports with PoE Support



## Main Features

- Intel® Celeron® Processor J6412
- 2 x 4GB DRAM modules
- 1 x 128GB SSD module
- 1 x 2TB 3.5" HDD drive
- 1 x 54V DC power adapter
- 8 x 10/100 Mbps RJ45 ports with PoE support
- 2 x 1GbE RJ45 management port
- 2 x USB 2.0 ports
- 1 x USB 3.0 port

## Product Overview

PNSA 3190 is 1U standalone commercial off-the-shelf NVR platform, capable of connecting to 8-channel IP cameras, simultaneously supplying power through PoE ports. Onboard TPM 2.0 provides additional hardware-based security functions. One 128GB SSD installed, and 3.5" HDD drive fulfills the requirements of storage spaces.

## Specifications

### Main Board

- Intel® Celeron® Processor J6412 (Elkhart Lake)
- TPM 2.0 onboard

### Memory

- 2 x DDR4 2666 SO-DIMM sockets, with 2 x 4GB DRAM modules installed

### Storage

- 1 x M.2 2242 Key M slot, supports SATA 3.0, with 1 x 128GB SSD module installed
- 1 x 2TB 3.5" HDD drive

### Interface External

- Button: power
- LEDs: power/HDD/PoE
- 1 x USB 3.0 port
- 1 x 3.5mm single audio jack, line in
- 1 x 3.5mm single audio jack, line out
- 8 x 10/100 Mbps PoE ports
- 1 x 1GbE RJ45 switch management port
- 1 x 1GbE RJ45 system management port
- 2 x USB 2.0 ports
- 1 x HDMI 1.4a with 4K display and audio support

### Interface Internal

- 2 x DDR4 2666 SO-DIMM sockets, with 2 x 4GB DRAM modules installed
- 1 x M.2 2242 Key M slot, supports SATA 3.0, with 1 x 128GB SSD module installed
- 1 x 2TB 3.5" HDD drive

### Power

- 1 x 54V DC power adapter

### Dimension and Weight

- Chassis dimension (mm): 310 x 230 x 44mm
- Package dimension (mm): 386 x 300 x 180mm
- Without packing: 2.9kg
- With packing: 4.5kg

### Environment

- Operating temperature: 0°C~40°C
- Storage temperature: non-operating temperature from -40°C to +65°C
- Relative humidity: 10%~90% non-condensing

## Ordering Information

### ◆ PNSA 3190 (P/N: TBC)

Intel® Celeron® Processor J6412, 8 x 10/100 Mbps RJ45 PoE ports, 2 x 4GB DRAM modules, 1 x M.2 2242 Key M 128GB SSD & 1 x 2TB 3.5" HDD drive