

# PNSA 3171/3171A

1U Rackmount NVR Platform w/ Intel® Core™ Processors,  
up to 24 x Switch ports with PoE+, and 4 x 3.5" HDD bays



PNSA 3171



PNSA 3171A



## Main Features

- 7th Gen Intel® Core™ processor
- Dual channel DDR4 memory slot
- 4 x 3.5" swappable HDD bays
- 1 x M.2 2242 SSD
- 2 x Audio out Jack for Line-in and Line-out
- 1 x Display Port and 1x HDMI port
- 8/24 x Switch ports with PoE+
- 1 x RJ45 uplink port
- 1 x SFP uplink port
- 1 x Management port

## Product Overview

The 1U rackmounts PNSA 3171/3171A are commercial off-the-shelf NVR platforms ready to adapt to a variety of standard NVR software. PNSA 3171/3171A are capable of connecting to 8/24-channel IP cameras, simultaneously supplying power through PoE+ ports. Four swappable 3.5" HDD bays fulfill the requirements of bigger storage spaces. With Atlas OS installed, PNSA 3171/3171A provide PoE+ and switch management function and allow NVR software providers easier development and implementation of their applications.

## Specifications

### Main Board

- 7th Gen Intel® Core™ i5-7500 processor for PNSA 3171
- 7th Gen Intel® Core™ i7-7700 processor for PNSA 3171A

### Memory

- 2 x DDR4 2400 non-ECC 288-pin DIMM socket, up to 32GB

### Storage

- 4 x 3.5" swappable HDD bays
- 1 x M.2 2242 SATA SSD

### Interface External

- PNSA 3171: 8 x 10/100 Mbps RJ45 ports with PoE+ (802.3at)
- PNSA 3171A: 24 x 10/100 Mbps RJ45 ports with PoE+ (802.3at)
- 1 x 10/100/1000 Mbps RJ45 uplink port
- 1 x 1GbE SFP uplink port
- 1 x Display port
- 1 x HDMI port
- 1 x RJ45 management port
- 2 x USB 2.0 ports
- Button: 1 x Power & 2 x Reset
- 1 x AC power inlet
- 4 x 3.5" swappable HDD bays
- LED: LAN status/power/HDD
- 1 x USB 3.0 port
- 1 x Line-out Audio Jack
- 1 x Line-in Audio Jack

### Power

- 1 x AC 100V to 240V power supply
- PoE+ power delivery: 240W for PNSA 3171, 260W for PNSA 3171A

### Dimension and Weight

- Chassis dimension (mm): 430 x 480 x 44.4
- Package dimension(mm): 576 x 775 x 211
- Without packing: 12kg
- With packing: 16kg

### Environment

- Operating temperature: 0°C~40°C
- Storage temperature: -20°C~80°C
- Relative humidity: 10%~90% non-condensing

### Certification

- CE/FCC class A

## Ordering Information

### • PNSA 3171 (P/N: TBD)

7th Gen Intel® Core™ i5-7500 processor, 8 x 10/100 Mbps RJ45 ports with PoE+, 4 x 3.5" HDD

### • PNSA 3171A (P/N: TBD)

7th Gen Intel® Core™ i7-7700 processor, 24 x 10/100 Mbps ports with PoE+, 4x3.5" HDD

\* More SKUs with different port count are available; please contact us for further inquiry.