

PNSA 3281/3281A

1U Rackmount NVR Platform w/ Intel® Core™ i3 Processors,
16/24 RJ45 Switch Ports, 1 x 1GbE Copper and 2 x 1GbE Fiber Ports



PNSA 3281



PNSA 3281A

Main Features

- Intel® Core™ i3-13100
- 2 x DDR5-4800 UDIMM sockets
- 1 x M.2 2242 Key M slot
- 1 x 520W AC power supply
- 16/24 RJ45 switch ports with PoE support
- 1 x 1GbE SFP uplink port
- 1 x 1GbE RJ45 uplink port
- 1 x 1GbE RJ45 management port

Product Overview

The 1U rackmounts PNSA 3281/3281A are commercial off-the-shelf NVR platforms. They are capable of connecting to 16/24-channel IP cameras, simultaneously supplying power through PoE ports. Four swappable 3.5" HDD bays fulfill the requirements of bigger storage spaces.

Specifications

Main Board

- Intel® Core™ i3-13100 processor

Memory

- 2 x DDR5 4800 UDIMM sockets, up to 64GB

Storage

- 1 x M.2 2242 Key M slot, supports SATA 3.0
- 1 x 8GB eMMC module onboard

Interface External

- Button: Power & Reset
- LED: Power/HDD/PoE
- 2 x USB 3.2 port (front side)
- 2 x USB 2.0 port (rear side)
- 16 x 1GbE RJ45 switch ports (PNSA 3281)
- 24 x 1GbE RJ45 switch ports (PNSA 3281A)
- 1 x 1GbE SFP uplink port
- 1 x 1GbE RJ45 uplink port
- 1 x 1GbE RJ45 management port
- 4 x Swappable 3.5" HDD tray
- 2 x HDMI v2.1
- 1 x 3.5mm single audio jack, Mic in/Line out

Interface Internal

- 4 x SATA for 3.5" swappable HDD

Power

- 1 x 520W AC power supply

Dimension and Weight

- Chassis dimension (mm): 510.3 x 482.3 x 43.8mm
- Package dimension (mm): TBD
- Without packing: TBD
- With packing: TBD

Environment

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

Certification

- CE/FCC class A/UL

Ordering Information

• PNSA 3281 (P/N: TBC)

Intel® Core™ i3-13100 processor, 1 x 8GB eMMC module onboard, 16 x 1GbE RJ45 and 2 x 1GbE SFP ports

• PNSA 3281A (P/N: TBC)

Intel® Core™ i3-13100 processor, 1 x 8GB eMMC module onboard, 24 x 1GbE RJ45 switch ports, 1 x 1GbE RJ45 and 2 x 1GbE SFP ports