PNAS 440

Main Features

- 12 Bays network attached storage
- Annapurna AL314 quad core up to 1.7GHz
- DDR3-1866 ECC memory
- 12 Bays 3.5-inch and 2.5-inch HDD/SSD, total capacity: 12-120TB,

- 10Gbase-T RJ45 port x 2
- 1Gbase-T RJ45 port x 2
- 1+1 Redundant power supply

Product Overview

This product is required as a high performance and improved reliability model of rackmount NAS. High performance: 2 ports of 10GbE support port trunk. Expansion memory enhances performance on speed and stability. Support ECC memory. Designed for distributed enterprise, and equipped with redundant power supplies, PSNA 440 provide a reliable and ultra-high performance network attached storage solution to centralize data protection and data management, and deploy high availability storage equipped 10G-bit Ethernet and i-scsi technology.

Specifications

CPU
- Annapurna AL314 quad core up to 1.7GHz

System Memory
- DDR3-1600 ECC memory

Drive Bay
- 12 Disks
- Size: 3.5-inch and 2.5-inch (HDD and SSD)
- Interface: SATA Gen3 6Gbps (HDD hot swap/HDD spin-down)

Ethernet
- 10Gbase-T RJ45 port x 2
  (standard: IEEE802.3u, 3ab, 3bz, 3an; speed: 100M/1000M/2.5G/5G/10G)
- 1Gbase-T RJ45 port x 2
  (IEEE802.3, 3u, 3ab; speed: 10M/100M/1000M); WoL: support)

I/O Interface-Front
- 2 x USB 2.0 conn (type A)
- Power, function, reset

I/O Interface-Rear
- 2 x USB 3.0 ports conn (type A)
- 1 x Micro USB conn (type B) console port
- 2 x Giga conn (RJ45)
- 2 x 10Giga conn (10Gbase-T RJ45)

Chassis
- 2U12bay (Micro ATX 9.6 x 9.6 inch)

Dimension
- 660 x 430 x 88 mm (26 x 16.9 x 3.5 inch)

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FANs
- Over 3 FANs (fan module) 80 x 80 mm

Weight
- Main unit only (excluding components): 16.3 kg (single power)
- Gross weight (total weight; including main unit, packaging, manuals etc.): 31.4 g (single power)

Power Supply
- 1+1 500W redundant power supply

Environment
- Operating temperature/humidity: 0 – 45 °C (32 - 113 °F), 0 – 80% RH (noncondensing)
- Storage temperature/ humidity: -20 - 85 °C (-4 - 185 °F) / 0 - 90 °C (noncondensing)

Certifications
- US (North America): FCC/MET/CSA/IC
- EU: CB/CE
- JP: VCCI (Class A)

Ordering Information

Barebone

- **PNAS 440 (P/N: TBC)**

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