NSA 1170

Main Features

- Intel Atom® P5322 processor SoC, BGA type
- 2 x DDR4 ECC SO-DIMM slots, up to 64GB
- 1 x M.2 2242 Key M SATA slot
- 1 x RJ45 management port

- 8 x 1GbE RJ45 ports
- 8 x 10GbE SFP+ ports
- 2 x 2.5" SATA SSD slots (optional)
- Supports Intel® QAT

Product Overview

1U network security appliance NSA 1170 helps small and medium enterprises build a securely connected workplace. Based on Intel Atom® P5300 processor series, it features excellent performance per watt and server-grade Ethernet connectivity through eight 1GbE copper and eight 10GbE fiber ports. Embedded Intel® QuickAssist Technology provides security and compression acceleration capabilities to improve performance and efficiency across the enterprise network.

Specifications

Main Board
- Intel Atom® P5322 processor SoC, BGA type, 8 cores w/ QAT

Memory
- 2 x DDR4 2400 ECC SO-DIMM slots, up to 32GB per slot

Storage
- 1 x M.2 2242 Key M SATA slot
- 2 x 2.5" SATA SSD (optional)

Interface External
- 8 x 1GbE RJ45 ports
- 8 x 10GbE SFP+ ports
- 1 x RJ45 console port
- 1 x RJ45 management port
- 3 x USB 3.0
- Buttons: Power & Reset
- LEDs: Status/MGMT/SYS/PWR1/PWR2/SSD
- 1 x Ground screw

Interface Internal
- 1 x M.2 2242 Key M SATA slot
- 1 x TPM2.0 module (optional)
- 2 x 2.5" SATA SSD (optional)

Power
- 2 x Slim type 150W AC + AC PSU (default)
- 2 x Slim type 150W DC + DC PSU (optional)

Dimension and Weight
- Chassis dimension: 438 mm x 300 mm x 44 mm (W x D x H)
- Carton dimension: 575 mm x 412 mm x 237 mm (W x D x H)
- Without packing: 5.3 kg
- With packing: 9.3 kg

Environment
- Operating temperatures: 0°C~40°C
- Storage temperature: -20°C~70°C
- Relative humidity: 0%~95% non-condensing

Certifications
- CE/FCC class B

Ordering Information

- **NSA 1170 (P/N: 10S00117000X0)**
  Intel Atom® P5322 processor, BGA type, 8 cores, 2 x SO-DIMM DDR4 3200 ECC memory slots, 8 x 1GbE RJ45 and 8 x 10GbE SFP+ ports

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NETWORK & COMMUNICATION SOLUTIONS

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