NSA 3170HA

6th/7th Gen Intel® Xeon®/Core™/Pentium® Processor (Skylake-S/ Kaby Lake-S), 1U Rackmount with 8GbE LAN & 1 LAN Module





Main Features

- 1U rackmount network appliance
- Supports 6th/7th Gen Intel® Xeon®/Core™/Pentium® processor
- Support DDR4 2400 ECC & non-ECC UDIMM, up to 32GB
- Support one PCIe x8 expansion (half length)
- Internal 2 x 2.5" HDD bay (optional)
- Redundant 450 watt PSU

Product Overview

NEXCOM NSA 3170HA is a network communication appliance based on Intel® Xeon® processor E3-1200 v5/ v6 product family. The NSA 3170HA is equipped with quad-core computing power, fast DDR4 memory with ECC, and advanced technologies for deliver extra performance boost at a low power envelope for efficient energy use. Also, a maximum of sixteen GbE ports can be implemented through LAN module. The network communication appliance NSA 3170HA will make either an ideal edge server or a network security appliance in SMB networks.

Specifications

Main Board

- NSB 3170A
- Supports 6th/7th Gen Intel® Xeon®/Core™/Pentium® processors
- Intel® C236 chipset

Main Memory

- 2 x DDR4 2400 UDIMM, support ECC/non-ECC memory, up to 32GB

LAN Features

- LAN chip: Intel® i210-AT
- Support 10/100/1000/10G link speed
- LAN bypass: 2-pair

I/O Interface-Front

- Power/HDD/LAN/bypass LEDs
- 2 x USB 3.2 port
- 1 x Micro USB console port
- 1 x RJ45 type console port
- 8 x Ccopper LAN port
- 1 x Reset button
- 1 x LAN module slot

I/O Interface-Rear

- 1 x Rear PCIe x8 expansion slot (half length)
- 1 x VGA Port
- 1 x Power button switch

Storage Device

- 1 x SATA DOM (power pin reserved)
- Internal 2 x 2.5" HDD bay (optional)

Power Input

- 450W 1+1 redundant power supply

Chassis Dimensions

- Chassis dimension: 430mm x 480mm x 44mm
- Carton dimension : 632mm x 567mm x 203mm

Weight

- Without packing: 8.2 kg
- With packing: 11.8 kg

Environment

- Operating temperatures: 0°C~40°C
- Storage temperature: -20°C~75°C
- Relative humidity: 10%~90% non-condensing

Certifications

- CE approval
- FCC Class A
- UL

Ordering Information

Barebone

- **NSA 3170HA (P/N: 10S00317002X0)**
  Intel® C236 PCH, supporting 6th/7th Gen Intel® Xeon®/Core™ Pentium® processor, 2 DDR4 memory slots, 8GbE copper LAN ports, SATA DOM, USB ports, VGA port, one PCIe x8 LAN expansion slot, one PCIe x8 LAN expansion slot w/o LCM

Model	P/N Controller	Interface	Type	Port Number	Bypass/Segment	Expansion Slot	Location Slot
NX 140F	10S20140F01X0	XL710-BM1	PCIe x8	4 SFP+	None	None	All Slot
NX 120F	10S20120F00X0	X710-BM2	PCIe x8	2 SFP+	None	None	All Slot
NI 140F	10SK000NI02X0	I350-AM4x1	PCIe x8	4 SFP	None	None	All Slot
NI 180F	10S10180F01X0	I350-AM4x2	PCIe x8	8 SFP	None	None	All Slot
NI 180C	10S10180C01X0	I350-AM4x2	PCIe x8	8 Copper	None	None	All Slot
NI 140C	10S10140C01X0	I350-AM4x1	PCIe x8	4 Copper	None	None	All Slot

We reserve the right to change specifications and product descriptions at any time without prior notice.