NSA 3170A

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





Main Features

- 1U rackmount network appliance
- Support 6th/7th Gen Intel® Xeon®/Core™/Pentium® processors
- Support DDR4 2400 ECC & non-ECC UDIMM, up to 32GB
- Support one LAN module slot
- Internal 2 x 2.5" HDD bay (optional)
- Single 300 watt PSU

Product Overview

NEXCOM NSA 3170A is a network communication appliance based on Intel® Xeon® processor E3-1200 v5/ v6 product family. The NSA 3170A 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 3170A will make either an ideal edge server or a network security appliance in SMB networks.

Specifications

Main Board

- NSB 3170A
- Support 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

Storage

- SATA DOM
- Internal 2 x 2 .5" HDD bay (optional)

LAN Features

- LAN chip: Intel® I211-AT
- Support 10/100/1000/10G link speed
- LAN bypass: 2 pairs

I/O Interface-Front

- Power/HDD/LAN/bypass LEDs
- 2 x USB 3.0 ports
- 1 x Micro USB console port
- 1 x RJ45 type console port
- 8 x Copper LAN ports
- 1 x Reset button
- 1 x LAN Module Slot

Power Input

- Single power supply 300W

I/O Interface-Rear

- 1 x VGA port
- 1 x Power button switch
- 2 x USB 2.0 ports

Chassis Dimensions

- Chassis dimension: 438 mm x 300 mm x 44 mm
- Carton dimension : 544 mm x 506 mm x 205 mm

Weight

- Without packing: 5.2 KG
- With packing: 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 3170A (P/N: 10S00317001X0)**
  Intel® C236 PCH, supporting 6th Gen Intel® Xeon®/ Core™/ Pentium® processors or 7th Gen Intel® Xeon®/ Core™ processors, 2 DDR4 memory slots, 8GbE copper LAN ports, SATA DOM, USB ports, VGA port, one PCIe x8 LAN expansion slot (front), w/o LCM

Model	P/N Controller	Interface	Type	Port Number	Bypass/Segment	Expansion Slot	Location Slot
NX 140F	10S20140F01X0	XL710-BM1	PCIex8	4 SFP+	None	None	All Slot
NX 120F	10S20120F00X0	X710-BM2	PCIex8	2 SFP+	None	None	All Slot
NI 140F	10SK000NI02X0	I350-AM4x1	PCIex8	4 SFP	None	None	All Slot
NI 180F	10S10180F01X0	I350-AM4x2	PCIex8	8 SFP	None	None	All Slot
NI 142C	10SK000NI03X0	I350-AM4x1	PCIex8	4 Copper	2 bypass	None	All Slot
NI 180C	10S10180C01X0	I350-AM4x2	PCIex8	8 Copper	None	None	All Slot
NI 140C	10S10140C01X0	I350-AM4x1	PCIex8	4 Copper	None	None	All Slot

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