



Main Features

- ♦ 1U rackmount network platform
- ♦ Supports Intel® 6th/ 7th gen. Xeon®/Core™/Pentium® processors
- ♦ Support DDR4 2400 ECC & REG, up to 32GB
- ♦ Support one PCIe x8 expansion (half length)
- ♦ Internal two 2.5" HDD bay
- ♦ Single 250 watt PSU

Product Overview

NEXCOM NSA 3170HA is a network communication platform 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 platform NSA 3170HA will make either an ideal edge server or a network security appliance in SMB networks.

Specifications

Main Board

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

Main Memory

- ♦ 2 x DDR4 2400 memory DIMM, support ECC/non-ECC memory, Max 32GB

LAN Features

- ♦ LAN Chip: Intel® i211-AT
- ♦ Support 10/100/1000/10G link speed
- ♦ LAN Bypass: 2 pairs

I/O Interface-Front

- ♦ Power status/HDD status/LAN status/bypass status 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

I/O Interface-Rear

- ♦ 1 x Rear PCIe x8 expansion slot (half length)

- ♦ 1 x VGA Port
- ♦ 1 x Power button switch

Devices

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

Power Input

- ♦ 220W 1+1 redundant power supply

Chassis Dimensions

- ♦ Chassis dimension: 438 mm x 470 mm x 44 mm
- ♦ Carton dimension : TBC

Weight

- ♦ Without packing: TBC
- ♦ With packing: TBC

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: 10S00317001X0)

Intel® C236 PCH, supporting Intel® 6th/ 7th gen. Xeon®/Core™
Pentium® processors, 2 DDR4 memory slots, 8GbE copper LAN ports,
SATA DOM, USB ports, VGA port, one PCIe x8 LAN expansion slot
(front), one PCIe x8 LAN expansion slot (rear) w/o LCM

Model	P/N Controller	Interface	Type	Port Number	Bypass/Segment	Expansion Slot	Location Slot
NX 140F	10S20140F01X0	XL710-BM1	PClex8	4 SFP+	None	None	All Slot
NX 142F	10S20142F01X0	XL710-BM1	PClex8	4 SFP+	2 bypass	None	All Slot
NX 142F-LR	10S20142F03X0	XL710-BM1	PClex8	4 SFP+	2 bypass	None	All Slot
NX 120F	10S20120F00X0	X710-BM2	PClex8	2 SFP+	None	None	All Slot
NI 140F	10SK000NI02X0	i350AM4x1	PClex8	4 SFP	None	None	All Slot
NI 180F	10S10180F01X0	i350AM4x2	PClex8	8 SFP	None	None	All Slot
NI 142C	10SK000NI03X0	i350AM4x1	PClex8	4 Copper	2 bypass	None	All Slot
NI 180C	10S10180C01X0	i350AM4x2	PClex8	8 Copper	None	None	All Slot
NI 184C	10S10184C01X0	i350AM4x2	PClex8	8 Copper	4 bypass	None	All Slot
NI 142F	10S10142F01X0	i350AM4x1	PClex8	4 SFP	2 bypass	None	All Slot
NI 121F	10S10121F01X0	i350AM2x1	PClex8	2 SFP	1 bypass	None	All Slot
NI 140C	10S10140C01X0	i350AM4x1	PClex8	4 Copper	None	None	All Slot