



## 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
- ◆ Redundant 400 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: 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: 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