NSA3180HA

Intel® 8th Gen. Xeon®/Core™/Pentium®/Celeron® processors Support Coffee Lake,
1U Rackmount with 8GbE LAN & 1 LAN Module





Main Features

- 1U rackmount network platform
- Support Intel® 8th gen. Xeon®/Core™/Pentium®/Celeron® processors
- Dual channel DDR4 ECC/non-ECC 2400/2666 288-pin UDIMM socket x2 Max. capacity 32GB
- Support one LAN module slot
- Internal two 2.5" HDD bay
- 450 watt 1+1 Redundant PSU
- Support one PCIe x8 slot

Product Overview

NEXCOM NSA 3180HA is a network communication platform based on Intel® 8th gen. Xeon®/Core™/Pentium®/Celeron® processors product family. The NSA 3180HA 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 3180HA will make either an ideal edge server or a network security appliance in SMB networks.

Specifications

Main Board

- NSB3180A
- Support Intel® 8th gen. Xeon®/Core™/Pentium®/Celeron® processors
- Intel® C246 chipset

Main Memory

- 2 x DDR4 ECC/non-ECC 2400/2666 288-pin UDIMM, max. capacity 32GB

LAN Features

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

I/O Interface-Front

- LED indicators: HDD status/Bypass 1/Bypass 2/Reserve
- 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
- 1 x HDMI port
- 1 x Power button with LED
- 1 x Optional LCM

Power Input

- 450W 1+1 Redundant power supply

I/O Interface-Rear

- 1 x Rear PCIe x8 expansion slot (optional)
- PCIe card maximum dimension: 107mm (4.2") x 110mm (4.3")

Chassis Dimensions

- Chassis dimension: 435 mm x 480 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: -40°C~80°C
- Relative humidity: 10%~90% non-condensing

Certifications

- CE
- FCC Class A
- CB (IEC/EN 62368-1)

Ordering Information

Barebone

- **NSA 3180HA (P/N: 10S00318001X0)**
  Intel® C246 PCH, supporting Intel® 8th gen. Xeon®/Core™/Pentium®/ Celeron® processors, 2 DDR4 memory slots, 8GbE copper LAN ports, SATA 2.5" HDD, USB ports, HDMI port, one PCIex8 LAN expansion slot (front), w/o LCM

Model	P/N Controller	Controller	PCIe	Bypass	Speed	I/O ports
NI 142C	10SK000NI03X0	i350AM4x1	x4	2	1G	4 RJ45
NI 140C	10S10140C01X0	i350AM4x1	x4	0	1G	4 RJ45
NI 184C	10S10184C01X0	i350AM4x2	x4x4	4	1G	8 RJ45
NI 180C	10S10180C01X0	i350AM4x2	x4x4	0	1G	8 RJ45
NI 180F	10S10180F01X0	i350AM4x2	x4x4	0	1G	8 SFP
NI 140F	10SK000NI02X0	i350AM4x1	x4	0	1G	4 SFP
NI 142F	10S10142F01X0	i350AM4x1	x4	2	1G	4 SFP
NI 121F	10S10121F01X0	i350AM2x1	x4	1	1G	2 SFP
NX 140F	10S20140F01X0	XL710-BM1	x8	0	10G	4 SFP+
NX 120F	10S20120F00X0	X710-BM2	x8	0	10G	2 SFP+
NX 142F	10S20142F01X0	XL710-BM1	x8	2	10G	4 SFP+
NV 120F	10S50120F01X0	XXV710-AM2	x8	0	25G	2 SFP28

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