NSA 3190A

Intel® Comet Lake Processor (LGA1200), 8 x 2.5 GbE LANs and 1 x LAN Module, 1U Rackmount Entry Level Appliance





Main Features

- Intel® Comet Lake processor (LGA1200)
- 2 x DDR4 ECC/non-ECC (2666/2933) UDIMM
- 2 x 2.5" internal SSD/HDD
- 1 x SATA3 for SATA DOM
- 1 x M.2 2242 Key M
- 8 x 2.5 GbE RJ45 LAN ports
- 1 x LAN module
- Single power supply

Product Overview

NSA 3190A is a network communication appliance intended for secure workloads and lower energy consumption. Based on the Intel® Comet Lake processor, NEXCOM's NSA 3190A features high performance computing, flexible I/O, and cost-effective design in processing traffic for network security applications. With up to 8 2.5GbE RJ45 LAN ports and NVME expansion cards, it also gives opportunities for customization. NSA 3190A is an ideal edge server or a network security appliance in small and medium business networks.

Specifications

Main Board

- Intel® Comet Lake processor (LGA1200), up to 80W
- Intel® W480
- TPM 2.0 (optional)
- Dual BIOS

Main Memory

- 2 x DDR4 2666/2933 ECC/non-ECC UDIMM, up to 32GB

Storage

- 2 x 2.5" internal SSD/HDD bays
- 1 x M.2 2242 Key M (SATA)
- 1 x SATA3 for SATA DOM

Interface-External

- Buttons: Power & reset
- LED: HDD/GPIO
- 2 x USB 3.0 ports
- 1 x RJ45 console
- 8 x 2.5 GbE RJ45 LAN ports
- 1 x LAN module slot
- 1 x HDMI

Interface-Internal

- 2 x Fixed smart fans
- 1 x Power inlet
- 1 x Low profile standard PCIe x8 expansion slot
- LCM

Riser card

- NVMe with 2 x M.2 SSD

Power

- 300W single power supply

Dimensions and Weight

- Chassis dimension: 430mm x 300mm x 44mm
- Carton dimension: 544mm x 506mm x 205mm
- Without packing: 4.7kg
- With packing: 7.5kg

Environment

- Operating temperature: 0°C~40°C
- Storage temperature: -40°C~80°C
- Relative humidity: 10%~90%, non-condensing

Ordering Information

Barebone

- **NSA 3190A (P/N: 10S00319000X0) for ODM projects only**
  1U w/ Intel® Comet Lake processor, 8 x 2.5GbE, 1 x LAN module, single PSU

Model	P/N	Controller	Speed	I/O ports	PCIe	Bypass	Location slot
NI 140C	10S10140C01X0	I350-AM4 x 1	1G	4 x RJ45	PCIe x4	0	All slots
NI 180C	10S10180C01X0	I350-AM4 x 2	1G	8 x RJ45	2 x PCIe x4	0	All slots
NI 140F	10S20140F01X0	I350-AM4 x 1	1G	4 x SFP	PCIe x4	0	All slots
NI 180F	10S10180F01X0	I350-AM4 x 2	1G	8 x SFP	2 x PCIe x4	0	All slots
NI 184CX1	10S10184C08X0	I350-AM4 x 2	1G	8 x RJ45	2 x PCIe x4	4	All slots
NI 142CX1	10S10142C09X0	I350-AM4 x 1	1G	4 x RJ45	PCIe x4	2	All slots
NX 140F	10S20140F01X0	XL710-BM1	10G	4 x SFP+	PCIe x8	0	All slots
NX 142F	10S20142F01X0	XL710-BM1	10G	4 x SFP+	PCIe x8	2	All slots
NX 142FX1	10S20142F19X0	XL710-BM1	10G	4 x SFP+	PCIe x8	2	All slots
NX 142FX1-LR	10S20142F20X0	XL710-BM1	10G	4 x SFP+	PCIe x8	2	All slots
NX 121FX1	10S20121F12X0	X710-BM2	10G	2 x SFP+	PCIe x8	1	All slots
NX 121FX1-LR	10S20121F13X0	X710-BM2	10G	2 x SFP+	PCIe x8	1	All slots
NV 120F	10S50120F01X0	XXV710-AM2	25G	2 x SFP28	PCIe x8	0	All slots
NQ 120F	10S40120F04X0	XL710-BM2	40G	2 x QSFP+	PCIe x8	0	All slots

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