



Main Features

- 1U rackmount workstation system
- Intel® Coffee Lake-S Xeon® processors (LGA1151)
- Support DDR4 2666 DIMM x 4
- Support IPMI 2.0 remote management
- Four LAN module slots
- Support LCM module (optional)
- Support internal 2.5", mSATA and M.2 storage

Product Overview

NEXCOM network appliance NSA 5181 helps small and medium-sized businesses (SMBs) scrutinize network traffic with ease. Featuring Intel® Xeon® E Series Product Family, the NSA 5181 delivers scalable computing performance, high port density, and easy expansions of high-speed networking interface. By simplifying deployment, configuration, and management of network security controls, NEXCOM network appliance can fend off unauthorized access, patch potential security loopholes, and create protected networks for business environments.

Specifications

Main Board

- NSB 5180
- Intel® Coffee Lake-S Xeon® processors (LGA1151)
- Intel® C246

Main Memory

- 4 x DDR4 2666 memory DIMM support ECC/non-ECC memory, up to 64GB

LAN Features

- Support 4 x swappable LAN modules
- Support up to 1 x 100GbE LAN module
- LAN bypass
 - * Please see LAN module list for more information

I/O Interface-Front

- Power status/HDD status/Error/GPIO LEDs
- 1 x Management ports (LAN chip: Intel® i210)
- 2 x USB 2.0 ports
- 1 x RJ45 type console port
- 1 x Reset button
- 4 x PCIe Gen.3 LAN module slots

I/O Interface-Rear

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

Storage Device

- 1 x mSATA
- 1 x M.2 2280
- 1 x 2.5" HDD bay

Power Input

- Power supply 300W (1+1) redundant PSU

Dimensions

- Chassis dimension: 438mm x 480mm x 44mm
- Carton dimension: 665mm x 547mm x 226mm

Weight

- Without packing: 7.5 KG
- With packing: 10.5 KG

Certifications

- CE Approval
- FCC Class A

Ordering Information

Barebone

♦ **NSA 5181 (P/N: 10S00518100X0)**

Intel® Coffee Lake-S, Xeon® E processor with 4 x DDR4 DIMM,
4 x LAN modules, IPMI and redundant PSU

Model	P/N Controller	Interface	Type	Port Number	Bypass/Segment	Expansion Slot	Location Slot
NX 140F	10S20140F01X0	XL710-BM1	PCIe x8	4 SFP+	None	None	1, 2
NX 142F	10S20142F01X0	XL710-BM1	PCIe x8	4 SFP+	2 bypass	None	1, 2
NX 120F	10S20120F00X0	X710-BM2	PCIe x8	2 SFP+	None	None	1, 2
NI 140F	10SK000NI02X0	i350AM4x1	PCIe x8	4 SFP	None	None	All Slot
NI 180F	10S10180F01X0	i350AM4x2	PCIe x8	8 SFP	None	None	2, 3, 4
NI 142C	10SK000NI03X0	i350AM4x1	PCIe x8	4 Copper	2 bypass	None	All Slot
NI 180C	10S10180C01X0	i350AM4x2	PCIe x8	8 Copper	None	None	2, 3, 4
NI 184C	10S10184C01X0	i350AM4x2	PCIe x8	8 Copper	4 bypass	None	2, 3, 4
NI 142F	10S10142F01X0	i350AM4x1	PCIe x8	4 SFP	2 bypass	None	All Slot
NI 121F	10S10121F01X0	i350AM2x1	PCIe x8	2 SFP	1 bypass	None	All Slot
NI 140C	10S10140C01X0	i350AM4x1	PCIe x8	4 Copper	None	None	All Slot
NC220Q28M	10S30022002X0	MT27708A0-FDCF-CE	PCIe x16	2 QSFP28	None	None	1, 2

