



Main Features

- ♦ 1U and 19" workstation rack mount system
- ♦ Intel 8th Xeon®/Core™/Pentium®
- ♦ Support up to four LAN modules
- ♦ Optional (1+1) redundant PSU
- ♦ Support IPMI 2.0
- ♦ Support Intel® RST® ready

Product Overview

NEXCOM security hardware NSA 5180 helps small and medium-sized businesses (SMBs) scrutinize network traffic with ease. Featuring Intel® Xeon® E Series Product Family, the NSA 5180 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 security hardware can fend off unauthorized access, patch potential security loopholes, and create protected networks for business environments.

Specifications

Main Board

- ♦ NSB 5180
- ♦ Support Intel® 8th Gen. Xeon®/Core™/Pentium® processors
- ♦ Intel® C246

Main Memory

- ♦ 4 x DDR4 2666 memory DIMM support ECC/non-ECC memory, max. 64GB

LAN Features

- ♦ Swappable LAN modules
- ♦ Support Intel® i350/Intel® XL710 copper/fiber ports
- ♦ Support 10/100/1000/10G/100G link speed
- ♦ LAN bypass

* please see LAN module list information

I/O Interface-Front

- ♦ Power status/HDD status/2 x GPIO status LEDs
- ♦ 2 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 (x8, x8, x4, x4)

I/O Interface-Rear

- ♦ 1 x HDMI port (optional)

- ♦ 1 x Power button switch (optional)
- ♦ 1 x USB 2.0 ports

Storage

- ♦ 1 x CFast slot
- ♦ 1 x 2.5" HDD/SDD internal bay
- ♦ 1 x M.2 (co-lay with mSATA) (main SKU)
- ♦ 1 x mSATA (co-lay with M.2, optional SKU)

Power Input

- ♦ Single ATX PSU (main SKU)
- ♦ Power supply 220W (1+1) redundant PSU (optional SKU)

Dimensions

- ♦ Chassis dimension: 438 mm x 480mm x 44mm
- ♦ Carton dimension : TBC

Weight

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

Certifications

- ♦ CE Approval
- ♦ FCC Class A
- ♦ UL

Ordering Information

Barebone

♦ NSA5180 (P/N: TBC)

Supports Intel® 8th gen. Xeon®/Core™/Pentium® processors, 4 DDR4 memory slots, CFast socket, USB ports, HDMI port, 4 PCIe x8 LAN expansion slot (front), w/o LCM, 1 M.2 and single ATX 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	one	1,2
NI 140F	10SK000NI02X0	i350AM4x1	PCIe x8	4 SFP	None	None	All Slot
NI 180F	10S10180F01X0	i350AM4x2	PCIe x8	8 SFP	None	one	2
NI 142C	10SK000NI03X0	i350AM4x1	PCIe x8	4 Copper	2 bypass	None	All Slot
NI 180C	10S10180C01X0	i350AM4x2	PCIe x8	8 Copper	None	None	2
NI 184C	10S10184C01X0	i350AM4x2	PCIe x8	8 Copper	4 bypass	None	2
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	1,2/3,4

