



Main Features

- Intel® Coffee Lake Processor (LGA1151)
- 2 x DDR4 2666 UDIMM slots
- 2 x 2.5" internal SSD/HDD
- 1 x M.2 2280 M key
- 8 x GbE RJ45 LAN ports
- 1 x LAN module
- 1 x PCIe x8 slot (optional)
- Single power supply

Product Overview

The NSA 3180A is a 1U rackmount entry level security appliance intended for secure workloads and lower energy consumption in contributing to a greener world. Based on the Intel® Coffee Lake product family, NEXCOM's NSA 3180A features high performance computing, flexible I/O, and cost-effective design in processing traffic for network security applications.

Specifications

Main Board

- Intel® Coffee Lake Processor (LGA1151), up to 80W
- Intel® C246
- TPM 2.0
- Dual BIOS

Main Memory

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

Storage

- 2 x 2.5" internal SSD/HDD bays
- 1 x M.2 2280 M key (SATA)

Interface-External

- Button: power & reset
- LED: HDD/bypass 1/bypass 2/GPIO
- 2 x USB 3.0 ports
- 1 x Micro USB and 1 x RJ45 console
- 8 x GbE RJ45 LAN ports
 - 2 x LAN bypass pairs
- 1 x LAN module slot
- 1 x HDMI

- 2 x Fixed smart fans
- 1 x Power inlet
- 1 x 107 mm x 110 mm PCIe x8 expansion slot (optional)
- LCM (optional)

Power

- 250W single power supply

Dimensions and Weight

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

Environment

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

Certifications

- CE/FCC Class A
- CE-LVD

Ordering Information

Barebone

- **NSA 3180A (P/N: 10S00318000X0)**
1U w/ Intel® Coffee Lake Processor, 8 x 2.5 GbE, 1 x LAN module, single PSU

Model	P/N Controller	Controller	PCIe	Bypass	Speed	I/O ports
NI 140C	10S10140C01X0	I350-AM4x1	x4	0	1G	4 RJ45
NI 180C	10S10180C01X0	I350-AM4x2	x4x4	0	1G	8 RJ45
NI 180F	10S10180F01X0	I350-AM4x2	x4x4	0	1G	8 SFP
NI 140F	10SK000NI02X0	I350-AM4x1	x4	0	1G	4 SFP
NI 184CX1	10S10184C08X0	I350AM4x2	x8	4	1G	8 RJ45
NX 140F	10S20140F01X0	XL710-BM1	x8	0	10G	4 SFP+
NX 120F	10S20120F00X0	X710-BM2	x8	0	10G	2 SFP+
NV 120F	10S50120F01X0	XXV710-AM2	x8	0	25G	2 SFP28