



Main Features

- Single Intel® Xeon® processor E5-2600 v4/v3 product family
- Support DDR4 1866/2133 ECC & REG
- Support 4 x 3.5" swappable HDD bay
- Support LCD module
- Four LAN module slots

Product Overview

NEXCOM has released the 2U network security appliance NSA 7131 to take on more security workloads and lower energy consumption to contribute to a greener world. Based on Intel® Xeon® E5-2600 v3 product family (codenamed Grantley), NEXCOM NSA 7131 features enhancements in computing performance, system responsiveness, I/O throughput and hardware design to safeguard network traffic for both enterprise and telecommunication applications.

Specifications

Main Board

- NSB 7131
- Intel® Xeon® processor E5-2600 v4/v3 product family
- Intel® Wellsburg C612 PCH

Main Memory

- 8 x DDR4 1866/2133 DIMM sockets, up to 512GB ECC & REG SDRAM max. 256GB

LAN Features

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

* Please see LAN module list information

I/O Interface-Front

- 1 x Management port (LAN chip: Intel® i210)
- 2 x USB 2.0 ports
- 1 x RJ45 type console port
- 4 x PCIe gen.3 LAN module slots (x8, x8, x4, x4)

Devices

- 1 x on-board CF card socket

Power Input

- 550W 1+1 CRPS redundant power supply

Chassis Dimensions

- Chassis dimension: 550mm x 438mm x 88mm
- Carton dimension: 767mm x 60mm x 242mm

Weight

- Without packing: 14.045 kg
- With packing: 19.04 kg

Certifications

- CE approval
- FCC Class A
- UL

Ordering Information

Barebone

- **NSA 7131 (P/N: 10S00713132X0)**

2U Intel® Xeon® E5-2600 v3 PCH C612, with LCM, 4 x swappable 3.5" HDD tray, 3 x swappable system fans, 4 x LAN module (NI/NX series) bays, 550W 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	All Slot
NX 142F	10S20142F01X0	XL710-BM1	PCIe x8	4 SFP+	2 bypass	None	All Slot
NX 120F	10S20120F00X0	X710-BM2	PCIe x8	2 SFP+	None	None	All Slot
NI 140F	10SK000NI02X0	i350AM4x1	PCIe x8	4 SFP	None	None	All Slot
NI 180F	10S10180F01X0	i350AM4x2	PCIe x8	8 SFP	None	None	All Slot
NI 142C	10SK000NI03X0	i350AM4x1	PCIe x8	4 Copper	2 bypass	None	All Slot
NI 180C	10S10180C01X0	i350AM4x2	PCIe x8	8 Copper	None	None	All Slot
NI 184C	10S10184C01X0	i350AM4x2	PCIe x8	8 Copper	4 bypass	None	All Slot
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