



Main Features

- 1U rackmount network platform
- Intel® Xeon® processor D-1500 product family
- Support DDR4 2133 ECC & REG, up to 128GB
- On-board 8G LAN Copper + 2 x 10G SFP+
- Two LAN modules support

Specifications

Main Board

- NSB 5160
- Intel® Xeon® processor D-1500 product family
- Support IPMI 2.0 (option)
- Two LAN module slots

Main Memory

- 4 x DDR4 2133 memory DIMM support ECC/non-ECC/registered memory, max 128G

LAN Features

- LAN chip: Intel® i211-AT
- CS4227 dual 10G PHY
- Support 10/100/1000/10G link speed

I/O Interface-Front

- Power status/HDD status/LAN status/Bypass status LEDs
- 2 x USB 2.0 ports
- 1 x RJ45 type console port
- 2 x 10GbE SFP+ ports
- 8 x Copper LAN ports
- 2 x LAN module

Power Input

- 300W SWITCHING power supply

I/O Interface-Rear

- 1 x Power button switch
- 1 x VGA port

Devices

- 1 x SATA-DOM device space
- 1 x 3.5" HDD bay (default) or 2 x 2.5" HDD/SSD bay

Dimensions

- Chassis dimension: 430 mm x 450 mm x 44 mm
- Carton dimension: 560 mm x 620 mm x 190 mm

Weight

- Without packing: 8kg
- With packing: 12kg

Environment

- Operating temperatures: 0°C~40°C
- Storage temperature: -20°C~75°C
- Relative humidity: 10%~90% non-condensing

Certifications

- CE approval
- FCC Class A
- UL

Ordering Information

Barebone

◆ NSA 5160 (P/N: 10S00516000X0)

1U Intel® Broadwell-DE D-1528 6C/1.9GHz with 2 x 10GbE + 8 x 1GbE LAN ports, 2 x LAN module (NI/NX series) bays, w/o LCM kit

◆ NSA 5160A (P/N: 10S00516001X0)

1U Intel® Broadwell-DE D-1548 6C/2.0GHz with 2 x 10GbE + 8 x 1GbE LAN ports, 2 x LAN module (NI/NX series) bays, w/o LCM kit

| 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 142F-LR | 10S20142F03X0 | 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 |
| NV 120F | 10S50120F01X0 | XXV710-AM2 | PCIe x8 | 2 SPF28 | None | None | All Slot |
| NC220Q28M | 10S30022002X0 | MT27708A0-FDCF-CE | PCIe x16 | 2 QSFP28 | None | None | 1, 2 |

