

NSA 5160

Intel® Xeon® Processor D-1500 Product Family, 1U Rackmount
with 8 PCIe GbE LAN & LAN Module



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+
- ♦ Up to Two LAN modules support

Specifications

Main Board

- ♦ NSB 5160
- ♦ Intel® Xeon® processor D-1500 product family
- ♦ CS4227 10G PHY
- ♦ Support IPMI 2.0 (option)
- ♦ One PCIe x8 expansion slot

Main Memory

- ♦ 4 x DDR4 2133 memory DIMM support ECC/Non-ECC memory, Max 128GB

LAN Features

- ♦ Swappable LAN modules
- ♦ ** please see Lan module list information
- ♦ Support Intel® i350/Intel® XL710 Copper/Fiber ports
- ♦ 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 SFP+ ports
- ♦ 8 x Copper LAN ports
- ♦ 2 x LAN module

I/O Interface-Rear

- ♦ 1 x Power button switch
- ♦ 1 x VGA port

Devices

- ♦ 1 x SATA-DOM device space

Power Input

- ♦ 300W SWITCHING power supply

Dimensions

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

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® Xeon® processor D-1520 4C/2.2Ghz with 2 x 10GbE+ 8 1GbE Lan ports, 2 LAN module (NI/NX series) bays, w/o LCM kit

♦ NX 140F

Intel® XL710-AM1 10GbE module 4 fiber ports by PCIe x8 interface with PKG

♦ NX 142F

Intel® XL710-AM1 10GbE module 4 fiber ports with 2 bypass segment (multi mode) by PCIe x8 interface with PKG

♦ NI 140F

Intel® I350 module 4 fiber ports with PCIe x8 interface with PKG

♦ NI 180F

Intel® I350 module 8 fiber ports with PCIe x8 interface with PKG

♦ NI 142C

Intel® I350 module 4 copper ports with 2 bypass segment by PCIe x8 interface with PKG

♦ NI 180C

Intel® I350 module 8 copper ports by PCIe x8 interface with PKG

♦ NI 184C

Intel® I350 module 8 copper ports with 4 bypass segment by PCIe x8 interface with PKG

♦ NI 142F

Intel® I350 module 4 fiber ports with 2 bypass segment by PCIe x8 interface with PKG

♦ NI 121F

Intel® I350 module 2 fiber ports with 1 bypass segment by PCIe x8 interface with PKG

Model	P/N Controller	Interface	Type	Port Number	Bypass/Segment	Expansion Slot	Location Slot
NX 140F	10S20140F01X0	XL710-AM1	PCIe x8	4 SFP+	None	None	All Slot
NX 142F	10S20142F01X0	XL710-AM1	PCIe x8	4 SFP+	2 bypass (multi mode)	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	4 SFP	1 bypass	None	All Slot