

NSA 3170HA

Intel® 6th Gen. Xeon®/Core™/Pentium® Processors (Skylake-S),
1U Rackmount with 6~16GbE LAN & 1 LAN Module



Main Features

- ♦ 1U rackmount network platform
- ♦ Supports Intel® 6th gen. Xeon®/Core™/Pentium® processors
- ♦ Support DDR4 2400 ECC & REG, up to 32GB
- ♦ Support one PCIe x8 expansion
- ♦ Internal two 2.5" HDD bay
- ♦ Single 250 watt PSU

Specifications

Main Board

- ♦ NSB 3170HA
- ♦ Supports Intel® 6th gen. Xeon®/Core™/Pentium® processors (codenamed Skylake-S)
- ♦ Intel® C236 chipset

Main Memory

- ♦ 2 x DDR4 2400 memory DIMM, support ECC/non-ECC memory, Max 32GB

LAN Features

- ♦ LAN Chip: Intel® i211-AT
- ♦ Support 10/100/1000/10G link speed
- ♦ LAN Bypass: 2 pairs

I/O Interface-Front

- ♦ Power status/HDD status/LAN status/bypass status LEDs
- ♦ 2 x USB 3.0 ports
- ♦ 1 x micro USB console port
- ♦ 1 x RJ45 type console port
- ♦ 8 x copper LAN ports
- ♦ 1 x Reset button

I/O Interface-Rear

- ♦ 1 x Rear PCIe x 16 expansion slot (optional)

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

Devices

- ♦ 1 x SATA DOM (power pin reserved)
- ♦ 2 x 2.5" HDD bay

Power Input

- ♦ ATX power supply 400W

Chassis Dimensions

- ♦ Chassis dimension: 438mm x 470mm x 44mm
- ♦ Carton dimension : TBC

Weight

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

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 3170HA (P/N: TBD)

Intel® C236 PCH, supporting Intel® 6th gen. Core™/Pentium processors, 2 DDR4 memory slots, 8GbE copper LAN ports, SATA DOM, USB ports, VGA ports, one PCIe16 LAN expansion slot (rear), Redundant power supply, w/LCM.

◆ NX 140F

Intel® XL710-BM1 10GbE module 4 fiber ports by PCIe8 interface with PKG

◆ NX 142F

Intel® XL710-BM1 10GbE module 4 fiber ports with 2 bypass segment (multi mode) by PCIe8 interface with PKG

◆ NI 140F

Intel® I350 module 4 fiber ports with PCIe8 interface with PKG

◆ NI 180F

Intel® I350 module 8 fiber ports with PCIe8 interface with PKG

◆ NI 142C

Intel® I350 module 4 copper ports with 2 bypass segment by PCIe8 interface with PKG

◆ NI 180C

Intel® I350 module 8 copper ports by PCIe8 interface with PKG

◆ NI 184C

Intel® I350 module 8 copper ports with 4 bypass segment by PCIe8 interface with PKG

◆ NI 142F

Intel® I350 module 4 fiber ports with 2 bypass segment by PCIe8 interface with PKG

◆ NI 121F

Intel® I350 module 2 fiber ports with 1 bypass segment by PCIe8 interface with PKG

Model	P/N Controller	Interface	Type	Port Number	Bypass/Segment	Expansion Slot	Location Slot
NX 140F	10S20140F01X0	XL710-BM1	PCIe8	4 SFP+	None	None	All Slot
NX 142F	10S20142F01X0	XL710-BM1	PCIe8	4 SFP+	2 bypass	None	All Slot
NX 142F-LR	10S20142F03X0	XL710-BM1	PCIe8	4 SFP+	2 bypass	None	All Slot
NX 120F	10S20120F00X0	X710-BM2	PCIe8	2 SFP+	None	None	All Slot
NI 140F	10SK000NI02X0	i350AM4x1	PCIe8	4 SFP	None	None	All Slot
NI 180F	10S10180F01X0	i350AM4x2	PCIe8	8 SFP	None	None	All Slot
NI 142C	10SK000NI03X0	i350AM4x1	PCIe8	4 Copper	2 bypass	None	All Slot
NI 180C	10S10180C01X0	i350AM4x2	PCIe8	8 Copper	None	None	All Slot
NI 184C	10S10184C01X0	i350AM4x2	PCIe8	8 Copper	4 bypass	None	All Slot
NI 142F	10S10142F01X0	i350AM4x1	PCIe8	4 SFP	2 bypass	None	All Slot
NI 121F	10S10121F01X0	i350AM2x1	PCIe8	2 SFP	1 bypass	None	All Slot
NI 140C	10S10140C01X0	i350AM4x1	PCIe8	4 Copper	None	None	All Slot