NSA 3170/3170A

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





Main Features

- 1U rackmount network platform
- Support 6th gen. Intel® Xeon®/ Core™/ Pentium® processors
- Support 7th gen. Intel® Xeon®/ Core™ 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 3170
- Support 6th gen. Intel® Xeon®/Core™/Pentium® processors (codenamed Skylake-S)
- Support 7th gen. Intel® Xeon®/ Core™ processors (codenamed Kayb Lake-S)
- Intel® H110/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
- Up to 8 x copper LAN ports
- 1 x Reset button
- 1 x 8GbE Copper/Fiber Expansion LAN Module (by project)

Power Input

- ATX power supply 250W

I/O Interface-Rear

- 1 x Rear PCIe x 8 expansion slot (by project)
- 1 x VGA Port
- 1 x Power button switch
- 2 x USB 2.0 ports (optional)

Chassis Dimensions

- Chassis dimension: 438mm x 300mm x 44mm
- Carton dimension : 544mm x 506mm x 205mm

Weight

- Without packing: 5.2Kg
- With packing: 8Kg

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 3170 (P/N: 10S00317000X0)**
  Intel® H110 PCH, supporting 6th gen. Intel® Xeon®/ Core™/ Pentium® processors or 7th gen. Intel® Xeon®/ Core™ processors 2 DDR4 memory slots, 6GbE copper LAN ports, SATA DOM, USB ports, VGA port, w/ LCM
- **NSA 3170A (P/N: 10S00317001X0)**
  Intel® C236 PCH, supporting 6th gen. Intel® Xeon®/ Core™/ Pentium® processors or 7th gen. Intel® Xeon®/ Core™ processors, 2 DDR4 memory slots, 8GbE copper LAN ports, SATA DOM, USB ports, VGA port, one PCIex8 LAN expansion slot (front), w/ LCM
- **NX 140F**
  Intel® XL710-BM1 10GbE module 4 fiber ports by PCIex8 interface with PKG
- **NX 142F**
  Intel® XL710-BM1 10GbE module 4 fiber ports with 2 bypass segment (multi mode) by PCIex8 interface with PKG
- **NI 140F**
  Intel® I350 module 4 fiber ports with PCIex8 interface with PKG
- **NI 180F**
  Intel® I350 module 8 fiber ports with PCIex8 interface with PKG
- **NI 142C**
  Intel® I350 module 4 copper ports with 2 bypass segment by PCIex8 interface with PKG
- **NI 180C**
  Intel® I350 module 8 copper ports by PCIex8 interface with PKG
- **NI 184C**
  Intel® I350 module 8 copper ports with 4 bypass segment by PCIex8 interface with PKG
- **NI 142F**
  Intel® I350 module 4 fiber ports with 2 bypass segment by PCIex8 interface with PKG
- **NI 121F**
  Intel® I350 module 2 fiber ports with 1 bypass segment by PCIex8 interface with PKG

Model	P/N Controller	Interface	Type	Port Number	Bypass/Segment	Expansion Slot	Location Slot
NX 140F	10S20140F01X0	XL710-BM1	PCIex8	4 SFP+	None	None	All Slot
NX 142F	10S20142F01X0	XL710-BM1	PCIex8	4 SFP+	2 bypass	None	All Slot
NX 142F-LR	10S20142F03X0	XL710-BM1	PCIex8	4 SFP+	2 bypass	None	All Slot
NX 120F	10S20120F00X0	X710-BM2	PCIex8	2 SFP+	None	None	All Slot
NI 140F	10SK000NI02X0	i350AM4x1	PCIex8	4 SFP	None	None	All Slot
NI 180F	10S10180F01X0	i350AM4x2	PCIex8	8 SFP	None	None	All Slot
NI 142C	10SK000NI03X0	i350AM4x1	PCIex8	4 Copper	2 bypass	None	All Slot
NI 180C	10S10180C01X0	i350AM4x2	PCIex8	8 Copper	None	None	All Slot
NI 184C	10S10184C01X0	i350AM4x2	PCIex8	8 Copper	4 bypass	None	All Slot
NI 142F	10S10142F01X0	i350AM4x1	PCIex8	4 SFP	2 bypass	None	All Slot
NI 121F	10S10121F01X0	i350AM2x1	PCIex8	2 SFP	1 bypass	None	All Slot
NI 140C	10S10140C01X0	i350AM4x1	PCIex8	4 Copper	None	None	All Slot

We reserve the right to change specifications and product descriptions at any time without prior notice.