



## 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 3170
- ◆ Supports Intel® 6th Gen Xeon®/Core™/Pentium® processors (codenamed Skylake-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 (Optional)
- ◆ 1 x RJ45 type console port
- ◆ Max. 16 x copper LAN ports
- ◆ 1 x Reset button

### I/O Interface-Rear

- ◆ 1 x Rear PCIe x 8 expansion slot (optional)
- ◆ 1 x VGA Port
- ◆ 1 x Power button switch (optional)
- ◆ 2 x USB 3.0 ports (optional)

### Devices

- ◆ 1 x SATA DOM (Power Pin Reserved)
- ◆ 2 x 2.5" HDD bay

### Power Input

- ◆ ATX power supply 250W

### Chassis Dimensions

- ◆ Chassis dimension: 438 mm x 300mm 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 3170-H110 (P/N: TBC)**  
Supports Intel® Core™/Pentium® processors, 2 DDR4 memory slots, 6PCIe GbE LAN ports, mSATA socket, 2 USB ports, VGA port, one PCIe x8 LAN expansion slot (Front), w/o LCM
- ♦ **NSA 3170-C236 (P/N: TBC)**  
Supports Intel® Xeon®/Core™/Pentium® processors, 2 DDR4 memory slots, 8PCIe GbE LAN ports, mSATA socket, 2 USB ports, VGA port, one PCIe x8 LAN expansion slot (Front), w/o LCM
- ♦ **NSK3169C4-I211 (P/N: TBC)**  
Intel® I211-AT module 4 copper ports by PCIe x4 interface. (LAN port expansion for NSA3170)
- ♦ **NSK3169C4-I210 (P/N: TBC)**  
Intel® I210-IS module 4 fiber ports by PCIe x4 interface. (LAN port expansion for NSA3170)
- ♦ **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