NSA 7135

Dual Intel® Xeon® Processor E5-2600 v4/v3 Product Family
for Multi-Thread Network Processing





Main Features

- Dual Intel® Xeon® processor E5-2600 v4/v3 product family
- Support DDR4 1866/2133 ECC & REG, up to 512GB
- Modular design supports 8 PCI-e LAN modules
- Support swappable 3.5" SATA/SAS HDD
- Support CRPS (1 + 1) redundant power supply
- Support LCD module

Specifications

Main Board

- NSB 7135
- Dual Intel® Xeon® processor E5-2600 v4/v3 product family
- Support 9.6 GT/s QPI speed
- Intel® C612
- Support IPMI 2.0 (option)
- One PCIe x8 expansion slot

Main Memory

- 16 x 284-pin DDR4 1866/2133 DIMM sockets, up to 512GB ECC & REG SDRAM

LAN Features

- Swappable LAN modules
- Support Intel® i350/Intel® XL710 Copper/Fiber ports
- Support 10/100/1000/10G link speed
- LAN Bypass: ** please see Lan module list information

I/O Interface-Front

- Support 2 x 20 characters LCD module, SIO interface
- Power status/HDD status/GPIO status/system failure status LEDs
- 1 x 3.5" HDD swappable bays
- 8 x LAN module bays
- 2 x USB 2.0 ports
- 1 x RJ45 type console port
- 1 x Reset button
- 2 x Management LAN ports

I/O Interface-Rear

- 3 x Swappable system FANs
- 1 x Power button switch
- 1 x VGA Port
- 2 x USB 2.0 ports

Devices

- 1 x on-board CFast socket

Power Input

- 700W 1+1 CRPS redundant power supply

Chassis Dimensions

- Chassis dimension: 432mm x 550mm x 88mm
- Carton dimension: 774mm x 636mm x 293mm

Weight

- Without packing: 19kg
- With packing: 25kg

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 7135 (P/N: 10S00713500X0)**
  2U Intel® Xeon® E5-2600 v4/v3 PCH C612, with LCM, 1 swappable 3.5" HDD tray,3 swappable system fans, 8 LAN module (NI/NX series) bays, 700W PSU
- **NX 140F**
  Intel® XL710-BM1 10GbE module 4 fiber ports by PCIe x8 interface with PKG
- **NX 142F**
  Intel® XL710-BM1 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-BM1	PCIe x8	4 SFP+	None	None	All Slot
NX 142F	10S20142F01X0	XL710-BM1	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

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