



Main Features

- ♦ Ultra high performance up to 8/16 cores
- ♦ Support DDR3 1333/1600 ECC & REG, up to 384GB
- ♦ Modular design supports 5 PCIe LAN Modules
- ♦ On Board RAID controller
- ♦ Support 10G SFP+ & 10G Copper, 1GbE Copper/SFP LANs
- ♦ On-board CFast Socket
- ♦ Support Two Swappable 2.5" SATA/SAS HDD
- ♦ Support (1 + 1) Redundant Power Supply
- ♦ Support LCD Module
- ♦ Support PCIe EM Ethernet Card

Specifications

Main Board

- ♦ NSB 7120R
- ♦ Dual Intel® Xeon® Processors E5-2600, Socket R, LGA2011
- ♦ Support 8/16 GT/s QPI Speed
- ♦ Intel® C604
- ♦ LSI 2308 RAID controller

Main Memory

- ♦ 12 x 240-pin DDR3 1333/1600 DIMM Sockets, up to 384GB ECC & REG SDRAM

LAN Features

- ♦ Swappable LAN Modules
- ♦ LAN Chip : Intel® 82580EB/82599EB
- ♦ Support 10/100/1000/10G link speed
- ♦ LAN Bypass : ** please see Lan module list information

I/O Interface-Front

- ♦ Support 2 x 16 Characters LCD module, PIO interface
- ♦ Power status/HDD status/LAN status/Bypass status LEDs
- ♦ 2 x 2.5" HDD Swappable bays
- ♦ 5 x LAN Module bays
- ♦ 2 x USB 2.0 ports
- ♦ 1 x RJ45 type Console port
- ♦ 1 x Software button
- ♦ 2 x Management LAN ports

I/O Interface-Rear

- ♦ 3 x Swappable System FANs
- ♦ 1 x VGA Port
- ♦ 2 x USB 2.0 ports

Devices

- ♦ 1 x on-board CFast socket

Power Input

- ♦ 460W 1+1 ATX Redundant Power Supply

Chassis Dimensions

- ♦ Chassis Dimension : 88mm x 430mm x 579.8mm
- ♦ Carton Dimension : 640mm x 800mm x 310mm

Weight

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

Certifications

- ♦ CE approval
- ♦ FCC Class A
- ♦ UL

Ordering Information

Barebone

- ♦ **NSA 7120R (P/N : 10S00712002X1)**
Support Intel® Xeon® E5 series processors, 12 DDR3 memory slots, Max.42 Gigabit LAN ports, CFast Socket, VGA, USB port,With RAID controller With LCM
- ♦ **NSK 5180R-F8**
PCIe 1GbE module with 8 SFP ports base on Intel® 82580EB chipset
- ♦ **NSK 5180R-C4F4**
PCIe 1GbE module with 4 copper and 4 SFP ports base on Intel® 82580EB chipset and 2 pairs dual latch bypass
- ♦ **NSK 5199R-F2**
PCIe 10GbE module with 2 SFP+ ports base on Intel® 82599EB chipset
- ♦ **NSK 5180R-C8**
PCIe 1GbE module with 8 copper ports base on Intel® 82580EB chipset and 2 pairs dual latch bypass

	P/N Controller	Interface	Type	Port Number	Bypass/Segment	Expansion Slot	Location Slot
NSK 5180R-C8	10SK0518016X1	Intel® 82580EB	PCIe x8	8 Copper	Dual Latch/ 2	None	All Slot
NSK 5180R-F8	10SK0518015X1	Intel® 82580EB	PCIe x8	8 SFP	None	None	All Slot
NSK 5180R-C4F4	10SK0518014X1	Intel® 82580EB	PCIe x8	4 Copper/ 4 SFP	Dual Latch/ 2	None	All Slot
NSK 5199R-F2	10SK0519900X0	Intel® 82599	PCIe x8	2 SFP+	None	None	All Slot



*The Slot A can not support NSK 5199R-F2 LAN module