



Main Features

- ♦ Dual Intel® Xeon® E2600 V1/2 Processors
- ♦ Support DDR3 1333/1600 ECC & REG, up to 384GB
- ♦ Modular design supports 5 PCIe LAN Modules
- ♦ 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

Specifications

Main Board

- ♦ NSB 7120U
- ♦ Dual Intel® Xeon® Processors E5-2600, Socket R, LGA2011
- ♦ Support 8 GT/s QPI Speed
- ♦ Intel® C604

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® i350/82599EB
- ♦ 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: 430mm x 580mm x 88mm
- ♦ Carton Dimension: 640mm x 800mm x 310mm

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 7120U (P/N : 10S00712008X0)**

Support Intel® Xeon® E5 series processors, 12 DDR3 memory slots, Max.42 Gigabit LAN ports, CFast Socket, VGA, USB port, With LCM

♦ **NSK 5150R-F8**

PCIe 1GbE module with 8 SFP ports base on Intel® i350 chipset

♦ **NSK 5199R-F2**

PCIe 10GbE module with 2 SFP+ ports base on Intel® 82599EB chipset

♦ **NSK 5150R-C8**

PCIe 1GbE module with 8 copper ports base on Intel® i350 chipset and 4 pairs dual latch bypass

♦ **NSK-CVCK**

PCIe 1GbE module with 4 Copper ports base on Intel® CAVE CREEK SKU4 DH8920CC

♦ **NSK-CTCK**

PCIe 1GbE module base on Intel® chipset Coletto Creek: DH8925CL

	P/N Controller	Interface	Type	Port Number	Bypass/Segment	Expansion Slot	Location Slot
NSK 5150R-C8	10SK0515003X0	Intel® i350	PCIe x8	8 Copper	Dual Latch/4	None	All Slot
NSK 5150R-F8	10SK0515002X0	Intel® i350	PCIe x8	8 SFP	None	None	All Slot
NSK 5199-F2	10SK0519909X0	Intel® 82599	PCIe x8	2 SFP+	None	None	All Slot
NSK-CVCK	10SK0CVCK00X0	DH8920CC	PCIe x8	4 Copper	Dual Latch/2	None	All Slot
NSK-CTCK	10SK0CTCK03X0	DH8925CL	PCIe x8	None	None	None	All Slot

