



Main Features

- ♦ Ultra high performance with Quad-Core Processors and IOAT3 function
- ♦ Support DDR III 800/1066 ECC®/ ECC memory
- ♦ Memory up to 12GB
- ♦ Modular Design Supports Three PCIe Modular bays
- ♦ Support 10G CX4/ XFP, 1GbE Copper/ SFP LAN
- ♦ Support Silicom PCIe EM Ethernet Card
- ♦ Support PCI-X and PCIe x 8 Expansion Slot
- ♦ On-board CF Socket
- ♦ Support Four Swappable 3.5" Serial-ATA HDD Bays and SAS HDD Bays (Optional)
- ♦ Support Redundant Power Supply
- ♦ Support LCD Module

Specifications

Main Board

- ♦ NSB7110
- ♦ Support Intel® Xeon™ 5500 series Processors in LGA1366 package
- ♦ Support 4.8/5.86 GT/s QPI Speed
- ♦ Intel® 5520 and ICH10R Chipset

Main Memory

- ♦ 6 x 240-pin DDR III 800/1066 DIMM Sockets, up to 12GB ECC® and ECC DDR III SDRAM

LAN Features

- ♦ Swappable LAN Module
- ♦ LAN Chip: Intel® 82573L / 82575EB / 82598EB
- ♦ Support 10/100/1000 link speed
- ♦ LAN Bypass : ** please see module list information

Expansion

- ♦ Support 1 x PCIe x 8 Slot
PCI Card: support full/half size

I/O Interface-Front

- ♦ Support 2x16 Characters LCD module, PIO interface
- ♦ Power status / HDD status / LAN status / Bypass status LEDs
- ♦ 4 x 3.5" HDD Swappable bays
- ♦ 3 x LAN Module bays
- ♦ 2 x USB 2.0 ports
- ♦ 1 x RJ45 type Console port
- ♦ 1 x software button
- ♦ 1 x Management LAN ports

I/O Interface-Rear

- ♦ 2 x Swappable System FANs
- ♦ 1 x Expansion slot for PCIe x 8 / 2 x PCI-X Expansion Slots (Optional)

Devices

- ♦ 1 x on-board CompactFlash socket
- ♦ 1 x USB-DOM device space
- ♦ 1 x SATA-DOM device space

Power Input

- ♦ Max Support 820W 1+1 ATX Redundant Power Supply

Certifications

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

Chassis Dimensions

- ♦ Chassis Dimension: 430 x 580 x 88 mm
- ♦ Carton Dimension: 800 x 640 x 310 mm

Weight

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

Ordering Information

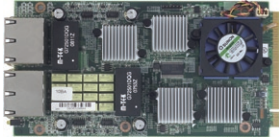
♦ Barebone

NSA7110 (P/N:10S00711000X0)

Support Intel® Xeon™ 5500 series processors, 12 DDR III memory slots, Max, 12 GB Ethernet LAN ports, CompactFlash Socket, VGA, USB port, One PCIe x 8 Expansion Slot

NSK5175-C8

PCIe GbE module with 8 copper ports base on Intel® 82575EB chipset and 2 pairs dual latch bypass



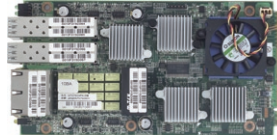
NSK5175-F8

PCIe GbE module with 8 SFP ports base on Intel® 82575EB chipset



NSK5175-C4F4

PCIe GbE module with 4 copper and 4 SFP ports base on Intel® 82575EB chipset and 2 pairs dual latch bypass



NSK5198-C2

PCIe 10G module with 2 XFP ports base on Intel® 82598EB chipset



	P/N	Controller	Interface Type	Port Number	Bypass/Segment	Expansion Slot	Modular Location
NSK5175-C4	10SK0517501X0	Intel® 82575EB	PCIe x 8	4 Copper	Dual latch / 2	None	All slot
NSK5175-F4	10SK0517503X0	Intel® 82575EB	PCIe x 8	4 SFP	None	None	All slot
NSK5175-C8	10SK0517509X0	Intel® 82575EB	PCIe x 8	8 Copper	Dual latch / 2	None	All slot
NSK5175-F8	10SK0517510X0	Intel® 82575EB	PCIe x 8	8 SFP	None	None	All slot
NSK5175-C4F4	10SK0517511X0	Intel® 82575EB	PCIe x 8	4 Copper/4 SFP	Dual latch / 2	None	All slot
NSK5198-C2	10SK0519802X0	Intel® 82598EB	PCIe x 8	2 CX4	None	None	All slot
NSK5198-F2	10SK0519803X0	Intel® 82598EB	PCIe x 8	2 XFP	None	None	All slot
NSK3100-1(PCIe)Default	20SK0310000X0	None	PCIe x 8	None	None	1 PCIe x 8	Riser Card
NSK3200-2(PCI-X Riser)	20SK0310001X0	PERICOM	PCIe x 8	None	None	2 PCI-X	Riser Card