



Main Features

- ♦ Ultra high performance with Quad-Core processors and IOAT3 function
- ♦ Support DDR3 800/1066 ECC®/ non-ECC memory, up to 24GB
- ♦ Modular design supports 3 PCIe Modules
- ♦ Support 10G XFP/ SFP+, 1GbE Copper/SFP LAN
- ♦ Support PCIe EM Ethernet Card
- ♦ Support PCI-X and PCIe x8 Expansion Slot
- ♦ On-board CF Socket
- ♦ Four Swappable 3.5" Support SATA/SAS HDD
- ♦ Support (1 + 1) Redundant Power Supply
- ♦ Support LCD Module

Specifications

Main Board

- ♦ NSB 7110W
- ♦ Support Intel® Xeon™ 5500/5600 series Processors, LGA1366 socket
- ♦ Support 4.8/5.86/6.4 GT/s QPI Speed
- ♦ Intel® 5520 and ICH10R Chipset

Main Memory

- ♦ 6 x 240-pin DDR3 800/1066 DIMM Sockets, up to 24GB ECC® and non-ECC SDRAM

LAN Features

- ♦ Swappable LAN Modules
- ♦ LAN Chip: Intel® 82574L/82575EB/82598EB
- ♦ Support 10/100/1000 10G link speed
- ♦ LAN Bypass: ** please see module list information

Expansion

- ♦ 1 x PCIe x8 Slot (Default)
- ♦ 2 x PCIe x4 Slot (Optional)
- ♦ 2 x PCI-X Slot (Optional)

I/O Interface-Front

- ♦ Support 2 x 16 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 x8

- ♦ 2 x Expansion slots for PCI-X (Optional)
- ♦ 2 x Expansion slots for PCIe x4 (Optional)
- ♦ 1 x VGA Port

Devices

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

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

Certifications

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

Ordering Information

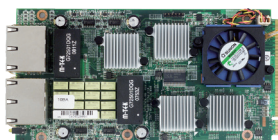
Barebone

♦ NSA 7110W (P/N:10S00711002X0)

Support Intel® Xeon™ 5500/5600 series processors, 6 DDR3 memory slots, Max. 26 Gigabit LAN ports, CompactFlash Socket, VGA, USB port, One PCIe x8 Expansion Slot

NSK 5175-C8

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



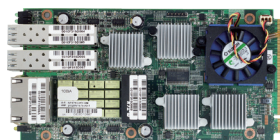
NSK 5175-F8

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



NSK 5175-C4F4

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



NSK 5198-F2

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



	P/N	Controller	Interface Type	Port number	Bypass/segment	Expansion Slot	Location Slot
NSK 5176-C4	10SK0517601X0	Intel® 82576EB	PCIe x8	4 Copper	Dual Latch/2	None	All Slot
NSK 5176-F4	10SK0517603X0	Intel® 82576EB	PCIe x8	4 SFP	None	None	All Slot
NSK 5175-C8	10SK0517509X0	Intel® 82575EB	PCIe x8	8 Copper	Dual Latch/2	None	All Slot
NSK 5175-F8	10SK0517510X0	Intel® 82575EB	PCIe x8	8 SFP	None	None	All Slot
NSK 5175-C4F4	10SK0517511X0	Intel® 82575EB	PCIe x8	4 Copper/4 SFP	Dual Latch/2	None	All Slot
NSK 5198-F2	10SK0519803X0	Intel® 82598EB	PCIe x8	2 XFP	None	None	All Slot
NSK 5198-EMB	10SK0519804X0	Intel® 82575EB	PCIe x8	2 fiber on board	1	None	All Slot
NSK5180-C8	10SK0518000X0	Intel® 82580DB	PCIe x8	8 Copper	None	None	All Slot
NSK5180-F8	10SK0518001X0	Intel® 82580DB	PCIe x8	8 SFP	None	None	All Slot
NSK5180-C4F4	10SK0518002X0	Intel® 82580DB	PCIe x8	4 Copper/4 SFP	None	None	All Slot
NSK5199-F2	10SK0519900X0	Intel® 82599	PCIe x8	2 SFP+	None	None	All Slot
NIO 1101	10SK0110100X0	Aspeed	NEXCOM	1 for IPMI	None	None	IPMI Slot
NSK 3100-1 (PCIe Riser) Default	20SK0310000X0	None	PCIe x8	None	None	1 x PCIe x8	Riser Card
NSK 3102 (PCIe Riser)	20SK0310200X0	None	PCIe x8	None	None	2 x PCIe x4	Riser Card
NSK 3201-2 (PCI-X Riser)	20SK0320101X1	PERICOM	PCIe x8	None	None	2 x PCI-X	Riser Card