

NSA 7110W

Intel® Xeon® 5500/ 5600 Series Processors 2U Rackmount up to 25 GbE LAN



Main Features

- Ultra High Performance with Quad-Core Processors and IOAT3 Function
- Support DDR3 800/1066 ECC & REG/Non-ECC Memory, up to 24GB
- Modular Design Support 3 PCIe LAN 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 slots, up to 24GB ECC® and non-ECC SDRAM

LAN Features

- Swappable LAN modules
- LAN chip : Intel® 82574L/82575EB/82580EB/82598EB/82599EB
- Support 10/100/1000/10G link speed
- LAN Bypass : ** Please see LAN 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 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. 25 Gigabit LAN ports, CompactFlash socket, VGA, USB port, one PCIe x8 expansion slot With LCM

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 5180-C8	10SK0518000X0	Intel® 82580EB	PCIe x8	8 Copper	Dual Latch/2	None	All Slot
NSK 5180-F8	10SK0518001X0	Intel® 82580EB	PCIe x8	8 SFP	None	None	All Slot
NSK 5180-C4F4	10SK0518002X0	Intel® 82580EB	PCIe x8	4 Copper/ 4 SFP	Dual Latch/2	None	All Slot
NSK 5199-F2	10SK0519900X0	Intel® 82599EB	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