NSA 5120

Intel® Xeon™ 3400/ i7/ i5/ i3 Series Processors
1U Rackmount with 8+8 PCIe GbE LAN

Main Features

- 1U Rackmount Network Platform
- Intel® Xeon™ 3400/i7/i5/i3 Processors
- Support four DDR3 1066/1333 Memory, up to 16GB
- Support One LAN Module, One PCIe x8 Expansion
- Internal one 3.5" HDD Bay/two 2.5" HDD Bay (Optional)
- Support LCD Module (Optional)

Specifications

Main Board
- NSB 5120
- Support Intel® Xeon™ 3400/i7/i5/i3 series Processors, Max 95watt
- Intel® 3450 PCH

Main Memory
- 4 x 240-pin DDR3 1066/1333MHz DIMM Sockets, Up to 16GB ECC/ Non-ECC SDRAM

LAN Features
- LAN Chip: Intel® 82574L
- Support 10/100/1000 link speed
- LAN Bypass: 4 pairs
- LAN module (Optional)

Expansion
- 1 x PCIe x8 Slot

I/O Interface-Front
- Support 2 x 16 Characters LCD Module, PIO interface (Optional)
- Power status/HDD status/LAN status/Bypass status LED
- 2 x USB 2.0 Ports
- 1 x software button
- 1 x RJ45 type Console Port
- 8 x Copper LAN Ports
- 1x LAN Module Support (Optional)

I/O Interface-Rear
- 1 x Expansion Slot
- 2 x USB 2.0 Ports
- 1 x VGA Port

Devices
- 1 x On-board CompactFlash Socket
- 1 x Internal 3.5" HDD bay
- 1 x SATA-DOM device space

Power Input
- 200W ATX Power Supply

Dimensions
- Chassis Dimension: 426mm x 450mm x 44mm
- Carton Dimension: 560mm x 620mm x 190mm

Weight
- Without Packing: 8Kg
- With Packing: 12Kg

Certifications
- CE approval
- FCC Class A
- UL

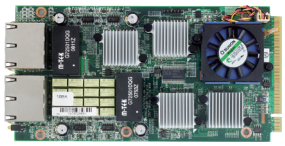
Ordering Information

Barebone
- **NSA 5120 (P/N: 10S00512000X0)**
  Support Intel® Xeon™ 3400/i7/i5/i3 series processors, 4 DDR3 memory slots, 8 PCIe GbE LAN ports, CompactFlask Socket, USB ports, VGA port, One PCIe x8 Expansion Slot, w/o LCM

Options
- **NSA 5120 LCM & MEMBRANE (P/N: 88S00512000X0)**

NSK 5275-C8

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

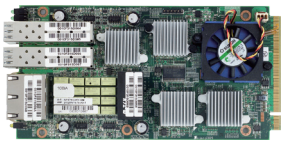


NSK 5275-F8

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

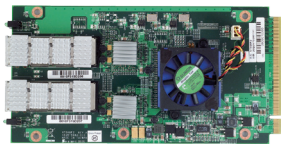
NSK 5275-C4F4

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



NSK 5298-F2

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



	P/N	Controller	Interface Type	Port number	Bypass/segment	Expansion Slot
NSK5275-C4	10SK0527500X0	Intel® 82575EB	PCIe x8	4 Copper	Dual Latch/2	None
NSK5275-F4	10SK0527501X0	Intel® 82575EB	PCIe x8	4 SFP	None	None
NSK5276-C2	10SK0527600X0	Intel® 82576EB	PCIe x8	2 Copper	Dual Latch/1	None
NSK5276-F2	10SK0527601X0	Intel® 82576EB	PCIe x8	2 SFP	None	None
NSK5275-F8	10SK0527503X0	Intel® 82575EB	PCIe x8	8 SFP	None	None
NSK5275-C4F4	10SK0527505X0	Intel® 82575EB	PCIe x8	4 Copper/ 4 SFP	Dual Latch/2	None
NSK5298-C2	10SK0529800X0	Intel® 82598EB	PCIe x8	2 CX4	None	None
NSK5298-F2	10SK0529801X0	Intel® 82598EB	PCIe x8	2 XFP	None	None

We reserve the right to change specifications and product descriptions at any time without prior notice.