

# NSA 1083/1043

Intel® Core™ 2 Quad/Core™ 2 Duo 1U  
Rackmount with 8 PCIe GbE LAN



## Main Features

- 1U Rackmount Network Platform
- Support Intel® Core™ 2 Quad/Core™ 2 Duo/Pentium® Dual-Core/Celeron® 400 Series Processors
- Support DDR2 533/667/800 Memory
- Line Fault Tolerance Design with Dual Latch Copper GbE Bypass
- PCI-X Expansion for Network Acceleration Card
- On-board CF Socket
- Support One 3.5" or Two 2.5" HDD (Optional)
- Support LCD Module

## Specifications

### Main Board

- NSB 1083
- Support Intel® Core™ 2 Quad/Core™ 2 Duo/Pentium® Dual-Core/Celeron® 400 Series Processor in LGA775 package
- Support 800/1066 MHz FSB
- Intel® Q965 and ICH8 Chipset

### Main Memory

- 2 x 240-pin DDR2 533/667/800 DIMM Sockets, up to 4GB Non-ECC DDR2 SDRAM

### LAN Features

- LAN Chip: Intel® 82573L/Intel® 82541PI
- Support 10/100/1000 link speed
- LAN BYPASS: 3 pairs

### Expansion

- Support 1 x Mini-PCI Slot
- Support 1 x PCI-X Slot  
PCI Card: support full/half size

### I/O Interface-Front

- Support 2 x 16 Characters LCD module, PIO interface
- Power status/HDD status/LAN status/Bypass status LEDs
- 2 x USB 2.0 ports
- 1 x RJ45 type for Console port
- 1 x software button
- 8 x Copper LAN ports

### I/O Interface-Rear

- 1 x Expansion slot
- 1 x USB 2.0 port
- 1 x VGA port

### Devices

- 1 x on-board CompactFlash socket
- 1 x Internal 3.5" HDD driver bay

### Power Input

- Support 350W ATX Power Supply

### Chassis Dimensions

- Chassis Dimension: 426mm x 458mm x 44mm
- Carton Dimension: 560mm x 620mm x 190mm

### Weight

- Without Packing: 8kg
- With Packing: 11.5kg

### Certifications

- CE approval
- FCC Class A
- UL

## Ordering Information

### Barebone

#### NSA 1083L (P/N: 10S01083L00X0)

Support Intel® Core™ 2 Quad/Core™ 2 Duo/Pentium® Dual-Core/Celeron®, 2 DDR2 memory slots, 8 Gigabit Ethernet LAN ports, CompactFlash Socket, VGA, USB port, One PCI-X Expansion Slot

#### NSA 1043L (P/N: 10S01043L00X0)

Support Intel® Core™ 2 Quad/Core™ 2 Duo/Pentium® Dual-Core/Celeron®, 2 DDR2 memory slots, 4 Gigabit Ethernet LAN ports, CompactFlash Socket, VGA, USB port, One PCI-X Expansion Slot

