

## Key Features

1. Dual Intel® 64-bit Xeon® Quad-Core or Dual-Core, with 1600 / 1333 / 1066 MHz FSB
2. Up to 64GB DDR2 800/667/533 SDRAM Fully Buffered DIMM (FB-DIMM) 1.8V or 1.5V supported
3. Left Slot (Full-height / Full-length): 1 Universal I/O (UIO) AND 1 (x8) PCI-Express (Gen 2.0)
4. Right Slot (Low-Profile w/ 5.5" length): 1 (x8) PCI-Express (Gen 2.0)
5. Intel® 82575EB Dual-port Gigabit Ethernet Controller
6. Supports 8 x 2.5" Hot-swap Drive Bays
7. 560W High-efficiency Power Supply



## Processor / Cache

Processor	Dual Intel® 64-bit Xeon® Quad-Core or Dual-Core
System Bus / QPI	FSB : 1600 / 1333 / 1066 MHz FSB

## Key Application

HPC Cluster Computing Nodes, Data Center, Data Farm

## Chipset / Serverboard

Intel® 5400 (Seaburg) chipset

## System Memory

Memory Capacity	Supports up to 64 GB 800* / 667 / 533MHz DDR2 ECC FB-DIMM memory
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## Expansion Slot

Left Slot: 1 Universal I/O (UIO) Slot AND 1 (x8) PCI-e (Gen 2.0) Slot  
 Right Slot : 1 (x8) PCI-e (Gen 2.0) Slot (Low profile size w/ 5.5" length)

## Integrated On-Board

SAS / SATA	Intel ESB2 SATA 3.0Gbps Controller; RAID 0, 1, 5, 10 support
LAN	Intel® 82575EB Dual-Port Gigabit Ethernet Controller. Supports IPMI v2.0
Graphics	ATI ES1000 controller with 32 MB of video memory

## RAID Card

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## Add-on Card

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## Drive Bays

HDD Drive	8x Hot-swap 2.5" SAS / SATA HDD trays
Peripheral Drive	Slim DVD-ROM drive

## Power Supply

560W AC to DC power supply w/ PFC I2C

## Cooling System

Fans: 4x Cooling Fans; 2x Optional cooling fans for add-on cards ; Shroud: 1x Air Shroud

## Form Factor

### 1U Rackmount

W x H x D	23.5" (597mm) x 1.7" (43mm) x 17.2" (437mm)
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### India Authorized Distributor:

Mega Networks Pvt. Ltd. India	+9122 4155 8282	e-Mail: info@meganet1.com
	+9122 2562 8282	sales@meganet1.com
Meganet Technologies, Inc. USA	+1 302 261 5400	Web: www.meganet1.com

### Corp. Office :

#507-508 Corporate Centre, Nirmal Lifestyle, L.B.S. Marg, Mulund (W), Mumbai - 400 080. India

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