

## 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): 2 (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 4 x 3.5" SATA Hot-swap Drive Bays
7. 650W Redundant 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: 2 (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	Supports : 4x 3.5" SATA Hot-swap drive trays
Peripheral Drive	Supports : 1x Slim DVD-ROM drive

## Power Supply

650W (1 + 1) Redundant AC-DC power supply w/ PFC

## 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	17.2" (437mm) x 1.7" (43mm) x 25.6" (650mm)
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