

## 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-E (Gen 2.0)
5. Intel® 82575EB Dual-port Gigabit Ethernet Controller
6. 8 x 2.5" Hot-swap Drive Bays
7. 650W Redundant High-efficiency Power Supply



## Processor / Cache

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

## Key Application

HPC Cluster Computer Nodes, Data Centers, Data Farm

## Chipset / Serverboard

Intel® 5400 (Seaburg) chipset

## System Memory Per Node

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

## 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. Supports RAID 0,1,5,10
LAN	Intel® (ESB2/Gilgal) 82563EB 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 8x Hot-swap 2.5" SAS / SATA HDD trays
Peripheral Drive	DVD-ROM: 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 23.5" (597mm)

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