

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 4 x 3.5" SAS/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: 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	Supports : 4x 3.5" SAS / 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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