

## Key Features

1. Dual Intel® 64-bit Xeon® Quad-Core or Dual-Core, with 667 / 1066 / 1333 MHz FSB
2. Up to 32GB DDR2 667 & 533 SDRAM Fully Buffered DIMM (FB-DIMM)
3. . Left Universal Slot (Full-height / Full-length): 1 64-bit 133MHz PCI-X OR 1 (x8) PCI-Express
4. Right Universal Slot (Low-Profile): 1 64-bit 100MHz PCI-X OR 1 (x8) PCI-Express
5. Intel® (ESB2/Gilgal) 82563EB Dual-port Gigabit Ethernet
6. 4 x 3.5" Hot-swap SAS Drive Bays, RAID 5 Support riser card
7. 650W Redundant High-efficiency Power Supply



## Processor / Cache

Processor	Dual Intel® 64-bit Xeon® Quad-Core or Dual-Core
System Bus / QPI	Supports 667 / 1066 / 1333MHz FSB

## Key Application

HPC Cluster Computer Nodes, Data Centers, Data Farm

## Chipset / Serverboard

Intel® 5000P (Blackford) chipset

## System Memory

Memory Capacity	Supports up to 32 GB 667 / 533MHz DDR2 ECC FB-DIMM memory
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## Expansion Slot

Left Universal Slot: 1 64-bit 133MHz PCI-X OR 1 (x8) PCI-e Slot  
 Right Universal Slot: 1 64-bit 100MHz PCI-X OR 1 (x8) PCI-e Slot

## Integrated On-Board

SAS / SATA	SAS: Adaptec AIC-9410 Serial-Attached SCSI (SAS) Controller, Support RAID 0, 1, 10
LAN	Intel® (ESB2/Gilgal) 82563EB Dual-Port Gigabit Ethernet Controller, Supports IPMI v2.0
Graphics	ATI ES1000 controller with 16 MB of video memory

## RAID Card

Support for Zero-Channel RAID with Supermicro All-In-One-ZCR Card: AOC-LPZCR2

## Add-on Card

1x AOC-LPZCR2 ZCR Card (riser card)

## Drive Bays

HDD Drive	Supports 4x 3.5" Hot-swap SAS drive bays
Peripheral Drive	DVD-ROM: Slim 8x DVD-ROM drive

## Power Supply

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

## Cooling System

Fans: 4x Cooling Fans ; 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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