

Key Features

1. Dual Intel® 64-bit Xeon® Quad-Core or Dual-Core, with 667 / 1066 / 1333 MHz FSB
2. Up to 64GB DDR2 667 & 533 SDRAM Fully Buffered DIMM (FB-DIMM)
3. Left Universal Slot: 1 64-bit 133MHz PCI-X OR 1 (x8) PCI-Express
4. Intel® (ESB2/Gilgal) 82563EB Dual-port Gigabit Ethernet
5. Zero Channel RAID Support
6. 4 x 3.5" Ultra320 SCSI Hot-swap Drive Bays
7. 700W 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 64 GB 667 / 533MHz DDR2 ECC FB-DIMM memory
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Expansion Slot

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

Integrated On-Board

SAS / SATA	SCSI: Adaptec AIC-7902 Controller, Supports 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-SOZCR1

Add-on Card

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Drive Bays

HDD Drive	Supports 4x 3.5" Hot-swap Ultra320/160 SCSI drive bays
Peripheral Drive	DVD-ROM: Slim 8x DVD, 24x CD, DVD-ROM drive

Power Supply

700W AC-DC power supply and power distributor 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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