

## 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: 1 64-bit 100MHz PCI-X OR 1 (x8) PCI-Express
4. Right Universal Slot: 1 64-bit 133MHz PCI-X OR 1 (x8) PCI-Express
5. Intel® (ESB2/Gilgal) 82563EB Dual-port Gigabit Ethernet
6. Zero Channel RAID Support
7. 4 x 3.5" Ultra320 SCSI Hot-swap Drive Bays with SAF-TE



## 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 (x8) PCI-e slot OR 1x 64-bit 100MHz PCI-X (3.3V) slot**  
 Right Universal Slot: 1 (x8) PCI-e slot OR 1x 64-bit 133MHz PCI-X (3.3V) slot  
 IPMI: 1 SIM1U Slot (IPMI 2.0) (Supermicro Intelligent Management)

## Integrated On-Board

SAS / SATA	SCSI: Adaptec AIC-7902 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 AOC-LPZCR1 or AOC-LPZCR2 or AOC-LPZCR3

## Add-on Card

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## Drive Bays

HDD Drive	Supports 4x 3.5" Hot-swap Ultra320 SCSI drive bays
Peripheral Drive	Floppy: 3.5" 1.44MB Slim Floppy Drive ; DVD-ROM: Slim 8x DVD-ROM drive

## Power Supply

700W (1 + 1) Redundant AC-DC high-efficiency power supply w/ PFC

## Cooling System

Fans: 4x 6-pin Counter-rotating Cooling Fans

## Form Factor

### 1U Rackmount

W x H x D	17.2" (437mm) x 1.7" (43mm) x 27" (686mm)
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