

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. 4 xSATA (3Gb/s) Hot-swap Drive Bays w/Enclosure Management



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	SATA: ESB2 SATA Controller, Support RAID 0, 1, 5, 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

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Add-on Card

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Drive Bays

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

Power Supply

700W AC-DC power supply and power distributor 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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