

Key Features

1. Dual Intel® 64-bit Xeon® Quad-Core or Dual-Core, with 667 / 1066 / 1333 MHz FSB
2. Up to 24GB DDR2 667 & 533 SDRAM Fully Buffered DIMM (FB-DIMM)
3. 1 x 64-bit 133MHz PCI-X OR 1 x PCI-e x8 Full-height / Half-length Slot
4. Intel® (ESB2/Gilgal) 82563EB Dual-port Gigabit Ethernet Controller
5. 4 x SATA Hot-swap Drive Bays
6. 520W High-efficiency Power Supply
7. 2x Front Side USB 2.0 Ports and 1x Front Sider Serial Port



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 24GB 667 / 533MHz DDR2 ECC FB-DIMM memory
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Expansion Slot

PCI-X: 1x 64-bit PCI-X 133MHz or PCI-e x8 slot (Riser card required)

Integrated On-Board

SAS / SATA	SATA: Intel ESB2 SATA 3.0Gbps Controller, Support RAID 0, 1, 5, 10
LAN	Two Intel® (ESB2/Gilgal) 82563EB Single-Port Gigabit Ethernet Controllers, Supports IP4
Graphics	XGI Volari™ Z7 PCI-E Graphics Processor

RAID Card

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Add-on Card

1x riser card

Drive Bays

HDD Drive	Supports 4x Hot-swap SATA drive bays
Peripheral Drive	DVD-ROM: Slim 8x DVD, 24x CD, DVD-ROM drive

Power Supply

520W AC to DC power supply w/ PFC

Cooling System

Fans: 4x 4cm cooling fans

Form Factor

1U Rackmount

W x H x D	17.2" (437mm) x 1.7" (43mm) x 19.8" (503mm)
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