

Key Features

1. Dual Intel® 64-bit Xeon® Quad-Core or Dual-Core, with 1333 / 1066 MHz FSB
2. Up to 48GB 667/533MHz DDR2 ECC Register SDRAM
3. Left Slot (Full-height / Full-length): 1 Universal I/O (UIO) AND 1 (x8) PCI-Express
4. Right Slot (Low-Profile): 1 (x8) PCI-Express
5. Intel® 82575EB Dual-port Gigabit Ethernet Controller w/ IOAT
6. 4 x 3.5" Hot-swap SATA Drive Bays
7. 650W High-efficiency Redundant Power Supply



Processor / Cache

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

Key Application

HPC Cluster Computing Nodes, Data Center, Data Farm

Chipset / Serverboard

Intel® 5100 (San Clemente) chipset

System Memory

Memory Capacity	Supports up to 48GB 667/533MHz DDR2 ECC Register SDRAM
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Expansion Slot

Left Slot: 1 Universal I/O (UIO) Slot AND 1 (x8) PCI-e Slot
 Right Slot: 1 (x8) PCI-e Slot (Low profile size w/ 5.5" length)

Integrated On-Board

SAS / SATA	SATA: Intel ICH9R SB SATAII Controller; Supports RAID 0,1,5,10
LAN	Intel® 82575EB Dual-port Gigabit Ethernet Controller w/ IOAT, Supports IPMI v2.0
Graphics	ATI ES1000 controller with 32 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" SAS / SATA Hot-swap drive trays
Peripheral Drive	DVD-ROM: Slim 8x DVD, 24x CD, 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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