

Key Features

1. Intel® Core™ i7 / i7 Extreme Edition, and Intel® Xeon® 5500 / 3500 series (QPI up to 6.4 GT/s)
2. Up to 24GB DDR3 1333, 1066 & 800 ECC / non-ECC Un-Buffered DIMM
3. 1 (x16) PCI-Express 2.0
4. Dual Intel® 82574L Gigabit Ethernet Controller
5. Integrated Graphics
6. 2x 3.5" SATA Drive Bays
7. 280W Power Supply



Processor / Cache

Processor	Intel® Core™ i7 / i7 Extreme Edition, and Intel® Xeon® 5500 / 3500 series
System Bus / QPI	Supports QPI up to 6.4 GT/s

Key Application

HPC Cluster Computer Nodes, Data Centers, Data Farm

Chipset / Serverboard

Intel® X58 Express chipset

System Memory

Memory Capacity	Supports up to 24 GB 1333 / 1066 / 800MHz DDR3 ECC / non-ECC Un-Buffered memory
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Expansion Slot

PCI-Express: 1 (x16) PCI-E 2.0 slot via riser card

Integrated On-Board

SAS / SATA	SATA: Intel ICH10R Controller, Supports RAID 0, 1
LAN	2x Intel® Gigabit Ethernet Controllers
Graphics	Integrated Graphics

RAID Card

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Add-on Card

1x Riser Card

Drive Bays

HDD Drive	Supports 2x 3.5"SATA Hot-swap drive bays
Peripheral Drive	Floppy: Panasonic 3.5" 1.44MB Floppy Drive (Optional) ; DVD: 1x Slim DVD - ROM Drive

Power Supply

280W AC power supply w/ PFC

Cooling System

Fans: 2x 10cm 4200 RPM blower fans

Form Factor

1U Rackmount

W x H x D	16.8" (426.7mm) x 1.7" (43mm) x 22.6" (574mm)
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