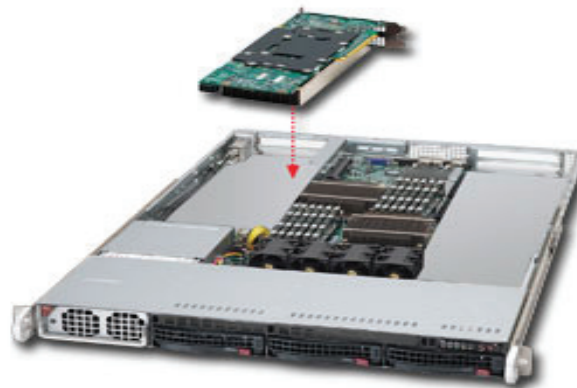


Key Features

1. Dual Intel® 5500 series Xeon® Quad/ Dual-Core, with QPI up to 6.4 GT/s
2. Up to 144GB** DDR3 1333/ 1066/ 800MHz ECC Registered DIMM / 24GB Unbuffered DIMM
3. 1 (x16) PCI-E 2.0 (FHFL)
4. Integrated IPMI 2.0 with KVM and Dedicated LAN
5. Intel® 82576 Dual-Port Gigabit Ethernet Controller
6. 3x Hot-swap SATA Drive Bays
7. 1400W Gold-level High-efficiency Power Supply
8. Mellanox ConnectX QDR Infiniband 40Gbps Controller w/ QSFP connector



Processor / Cache

Processor	Supports Dual Intel® 5500 series Xeon® Quad/Dual-Core Processors
System Bus / QPI	with QPI up to 6.4 GT/s

Key Application

Medical Imaging, Oil & Gas Exploration, Quantum Chemistry, Financial Simulation

Chipset / Serverboard

Intel® 5500 (Tylersburg) chipset

System Memory

Memory Capacity	Supports up to 144GB** 1333/1066/800MHz DDR3 ECC Registered memory
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Expansion Slot

PCI-Express: 1 (x16) PCI-E (Low Profile)

Integrated On-Board

Infiniband : Mellanox ConnectX DDR Infiniband 20Gbps Controller

SAS / SATA	Intel ICH10R SATA 3.0Gbps Controller. Supports RAID 0,1,5,10
LAN	Intel® 82576 Dual-Port Gigabit Ethernet Controller. Support for IPMI v2.0
Graphics	Matrox G200eW 8 MB DDR2

RAID Card

-

Add-on Card

-

Drive Bays

HDD Drive	Supports 3x 3.5" Hot-swap SAS/SATA drives
Peripheral Drive	-

Power Supply

1400W high-efficiency power supply with PMBus

Cooling System

8x 4cm heavy-duty counter-rotating PWM fans with optimal fan speed control

Form Factor

1U Rackmount

W x H x D	17.2" (437mm) x 1.7" (43mm) x 28.2" (716mm)
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