



Key Features

1. Intel® Xeon® processor 5600/5500 series, with QPI up to 6.4 GT/s
2. Up to 192GB DDR3 1333/ 1066/ 800MHz ECC Registered DIMM / 48GB Unbuffered DIMM
3. 1 (x4) PCI-E 2.0 (Low Profile)
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
8. 2x Nvidia Fermi M2050 GPU Cards

Processor / Cache		Per Node
Processor	Intel® Xeon® processor 5600/5500 series	
System Bus / QPI	QPI up to 6.4 GT/s	
Key Application		
HPC Cluster Computing Nodes, Data Centers, Data Farms		
Chipset / Serverboard		Per Node
		Intel® 5520 (Tylersburg) chipset
System Memory		Per Node
Memory Capacity	Up to 192GB DDR3 1333/1066/800MHz ECC Registered DIMM/48GB Unbuffered DIMM	
Expansion Slot		Per Node
		1 (x4) PCI-E 2.0 (in x16 slot -Low Profile)
		2 (x16) PCI-E 2.0 (1 in each side)
Integrated On-Board		
SAS / SATA	Intel ICH10R SATA 3.0Gbps Controller	
LAN	Intel® 82576 Dual-Port Gigabit Ethernet Controller ; Supports IPMI v2.0	
Graphics	Matrox G200eW 8 MB DDR2	
RAID Card		
2		
Add-on Card		
1x Riser Card		
Drive Bays		
HDD Drive	3x 3.5" Hot-swap SAS/SATA drive bays	
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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