



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 Reg.DIMM / 48GB Unbuffered DIMM
3. Left Slot (Full-height / Full-length):1 (x16) PCI-E 2.0 + UIO
4. Right Slot (Low-Profile - 5.6" depth):1 (x8) PCI-E 2.0 slot
5. 2xIntel®82576 Dual-Port Gigabit Ethernet Controllers(4 ports)
6. 8 x 2.5" Hot-swap SATA Drive Bays, For Customizable Storage
7. 700W Gold-Level Redundant Power Supply

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 ICH10R
System Memory		Per Node
Memory Capacity	Up to 192GB DDR3 1333/ 1066/800MHz ECC Reg. DIMM / 48GB Unbuffered DIMM	
Expansion Slot		Per Node
		Left Slot 1 (x16) PCI-E 2.0 slot ; 1 UIO
		Right Slot 1 (x8) PCI-E 2.0 (Low-Profile - 5.6" depth)
Integrated On-Board		Per Node
SAS / SATA	Intel ICH10R SATA 3.0Gbps Controller ; RAID 0, 1, 5, 10 support	
LAN	2x Intel® 82576 Dual-Port Gigabit Ethernet Controllers (4 ports)	
Graphics	Matrox G200eW	
RAID Card		
-		
Add-on Card		
1x Riser Card		
Drive Bays		
HDD Drive	8x 2.5" SAS / SATA Hot-swap drive trays	
Peripheral Drive	Slim 8x DVD, 24x CD, DVD-ROM drive	
Power Supply		
700W/750W Redundant AC-DC high-efficiency power supply with PMBus and I2C		
Cooling System		
Fans 5x Cooling Fans ; Shroud 1x Air Shroud		
Form Factor		1U Rackmount
W x H x D	17.2" (437mm) x 1.7" (43mm) x 27.75" (705mm)	

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