



Key Features

Two hot-pluggable systems (nodes) in a 2U form factor. Each node supports:

1. Dual Intel® 5500 series Xeon® Quad/Dual-Core, QPI up to 6.4 GT/s
2. Up to 144GB** DDR3 1333/1066/800MHz ECC Registered DIMM / 24GB Unbuffered DIMM
3. 2 (x8) PCI-E (FH/HL) w/ riser card (in x16 slots)
4. Mellanox ConnectX QDR Infiniband 40Gbps Controller
5. Dual Intel® 82574L Gigabit Ethernet Controller
6. 6x Hot-swap SATA Drive Bays
7. 1400W Gold-level High-efficiency Power Supply

Processor / Cache		Per Node
Processor	Dual Intel® 5500 series Xeon® Quad/Dual-Core	
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 144GB** DDR3 1333/1066/800MHz ECC Reg. DIMM/24GB Unbuffered DIMM	
Expansion Slot		Per Node
		PCI-Express: 2 (x8) PCI-E (FH/HL) w/ riser card (in x16 slots)
Integrated On-Board		Per Node : Infiniband: Mellanox ConnectX QDR Infiniband 40Gbps Controller
SAS / SATA	SATA: Intel ICH10R SATA 3.0Gbps Controller ; RAID 0, 1, 5, 10 support	
LAN	Dual Intel® 82574L Gigabit Ethernet Controller; Supports IPMI v2.0	
Graphics	Matrox G200eW	
RAID Card		
-		
Add-on Card		
1x Riser Card		
Drive Bays		
HDD Drive	6x 3.5" SATA Hot-swap drive bays	
Peripheral Drive	-	
Power Supply		
1400W high-efficiency power supply with PMBus		
Cooling System		
Fans : 4x Cooling Fans		
Form Factor		2U Rackmount (2U Twin)
W x H x D	17.2" (437mm) x 3.5" (89mm) x 28.5" (724mm)	

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