

Key Features

Two systems (nodes) in a 1U form factor. Each node supports the following:

1. Dual Intel® 64-bit Xeon® Quad-Core or Dual-Core, with 1333 / 1066 MHz FSB
2. Up to 48GB 667/533MHz DDR2 ECC Register SDRAM
3. Left Slot (Full-height / Full-length):
1 Universal I/O (UIO) AND 1 (x8) PCI-Express
4. Right Slot (Low-Profile): 1 (x8) PCI-Express
5. 8 x 2.5" Hot-swap Drive Bays,
6. 650W High-efficiency Redundant Power Supply
7. Intel® 82575EB Dual-port Gigabit Ethernet Controller



Processor / Cache		Per Node
Processor	Dual Intel® 64-bit Xeon® Quad-Core or Dual-Core	
System Bus / QPI	Support 1333 / 1066 MHz FSB	
Key Application		
HPC Cluster Computing Nodes, Data Center, Data Farm		
Chipset / Serverboard		Per Node
		Intel® 5100 (San Clemente) chipset
System Memory		Per Node
Memory Capacity	Supports up to 48GB 667/533MHz DDR2 ECC Register SDRAM	
Expansion Slot		Per Node
		Left Slot: 1 Universal I/O (UIO) Slot AND 1 (x8) PCI-e Slot Right Slot: 1 (x8) PCI-e Slot (Low profile size w/ 5.5" length)
Integrated On-Board		Per Node
SAS / SATA	SATA: Intel ICH9R SB SATAII Controller; Supports RAID 0,1,5,10	
LAN	Intel® 82575EB Dual-port Gigabit Ethernet Controller w/ IOAT	
Graphics	ATI ES1000 controller with 32 MB of video memory	
RAID Card		
-		
Add-on Card		
-		
Drive Bays		Per Node
HDD Drive	Supports 8x Hot-swap 2.5" SAS / SATA HDD trays (w/ optional UIO SAS controller card)	
Peripheral Drive	DVD-ROM: Slim DVD-ROM Drive	
Power Supply		
650W (1 + 1) Redundant AC-DC power supply w/ PFC		
Cooling System		
Fans: 4 x Cooling Fans ; Shrouf: 1 x Air Shroud		
Form Factor		1U Rackmount
W x H x D	17.2" (437mm) x 1.7" (43mm) x 23.5" (597mm)	

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