

## Key Features

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

1. Quad & Dual Core Intel® 64-bit Xeon® Support 1066 / 1333 / 1600 MHz FSB
2. Up to 64GB DDR2 800/667/533 SDRAM Fully Buffered DIMM (FB-DIMM)
3. 1 (x16) PCI-Express Generation II
5. Intel® (ESB2/Gilgal) 82563EB Dual-port Gigabit Ethernet Controller
6. 2x Hot-swap SATA Drive Bays
7. Infiniband MT25204 20Gbps Controller
8. 980W High-efficiency Power Supply



Processor / Cache	Per Node
Processor	Supports Quad & Dual Intel® 64-bit Xeon® Processor
System Bus / QPI	FSB : Support 1066 / 1333 / 1600 MHz FSB
Key Application	
	HPC Cluster Computer Nodes, Data Centers, Data Farm
Chipset / Serverboard	
	Intel® 5400 (Seaburg) chipset
System Memory	
System Memory	Per Node
Memory Capacity	Supports up to 64GB DDR2 800/667/533 SDRAM Fully Buffered DIMM (FB-DIMM)
Expansion Slot	
	1 (x16) PCI-e Generation II slot
Integrated On-Board	
Integrated On-Board	Mellanox MT25204AD-FCC-D Single-Port
SAS / SATA	Intel ESB2 SATA 3.0Gbps Controller. Supports RAID 0,1,5,10
LAN	Intel® (ESB2/Gilgal) 82563EB Dual-Port Gigabit Ethernet Controller. Supports IPMI v2.0
Graphics	ATI ES1000 controller with 32 MB of video memory
RAID Card	
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Add-on Card	
	-
Drive Bays	
HDD Drive	Supports 2x 3.5" SATA Hot-swap drive bays
Peripheral Drive	
Power Supply	
	980W AC-DC power supply w/ PFC
Cooling System	
	Fans: 6x Cooling Fans
Form Factor	
Form Factor	1U Rackmount
W x H x D	17.2" (437mm) x 1.7" (43mm) x 27.75" (705mm)

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