

Intel Core2  
Duo Xeon  
5405

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8 GB Main  
Memory

DDR3

Memory  
Bridge

1333  
MHz  
FSB

Compute Node

4GB/s

4GB/s  
PCI Express 2.0 x16

4GB GPU  
Memory

GDDR3

Tesla T10  
GPU

Switch

Tesla T10  
GPU

4GB GPU  
Memory

GDDR3

CPU – GPU Subsystem Architecture

NVIDIA Tesla  
S1070

