

## Technical Specifications for a HIGH END Server System

Item	Specification
Type	Rack Mountable
Make	(Specify)
Model	(Specify)
Country of Origin	(Specify)
Country of Manufacture	(Specify)
Processor	Intel® Xeon® X5670 (6 core, 2.93 GHz, 12MB L3, 95W)
No of Processors	Two Processors
Memory	16GB memory should be upgradable to minimum of 64GB fully buffered or higher DDR3 SDRAM ECC DIMM can be support to memory mirror
Hard Disk Controller	Embedded SAS 3.0 GB/s RAID controller with 256MB of battery backup cache
Chipset	Intel® 5520 Chipset
Hard Disk	Should have minimum of 3 x 146 GB RAID level 5, SAS with 15,000 RPM Hard Drives.
RAID Support	Server should support dual channel RAID controller with 256MB battery backup cache and Hot Pluggable
Hard Disk Upgrade	Should be upgraded to minimum of 9.6 TB SAS internally
No. of Hard Disk Bays	Should support at least 8 Hot pluggable hard disks
CD ROM Drive	16x DVD ROM Drive
Expansion Slots	Minimum 6 PCI Slots, 2 PCI-X(64 Bit/133MHz) Hot plug slots, 3x 4X PCI Express Slots, 1x 8X PCI Express Slot
Video Controller	Integrated 32MB Video
Monitor	17" LCD display support 1024x768 resolution
Network Interface	Dual 1GbE NC382i Multifunction 4 Ports
Tape Backup	36GB uncompressed, 72GB Compressed Drive (Internal)
Backup Tapes	10 Backup Tapes
Power Supply	Dual 460 Watt hot pluggable
Cooling Fans	Minimum of 6 Hot pluggable/ redundant cooling fans
I/O Ports	USB keyboard & mouse, 1 serials, 6 USB & Two Video output
Server Management	(Specify)
Operating System	(Specify)
Warranty	3 years onsite comprehensive warranty - Backup Server during repairs