

Sheet1

CPU make in batch nodes
CPU make in head node
CPU make in SSW
CPU model in batch nodes
CPU model in head node
CPU model in SSW
CPU's per batch node
CPU's in head node
CPU's in SSW
Cores per CPU in batch nodes
Cores per CPU in head node
Cores per CPU in SSW
Cores in batch nodes hyperthreading/CMT/etc?
Cores in head node hyperthreading/CMT/etc?
nbench single-CPU integer result on batch node
nbench single CPU integer result on head node
nbench single CPU integer result on SSW
nbench single CPU floating point result on batch node
nbench single CPU floating point result on head node
nbench single CPU floating point result on SSW
Cores in SSW hyperthreading/CMT/etc?
Batch node processor(s) 64 bit?
Head node processor(s) 64 bit?
SSW processor(s) 64 bit?
Inter-CPU bus
Internode bus
Internode cable type (EG Cat6)
Internode cable lengths
Ports on internode switch
Internode switch make
Internode switch model
Internode switch a star topology?
Internode switch in a rack?
Internode bus sustained bandwidth according to iperf?
Internode bus latency according to ping?
Number of "U" comprising internode switch?
Internode switch allows remote management?
Please include how long it took to run CCSM3 without fpmi2 under a given set of constraint:
Please include fpmi2 output from running CCSM3 under a given set of constraints...
Internode switch has SNMP?
Batch nodes NUMA?
Batch nodes uniform memory access?
Memory make in batch nodes
Memory part number in batch nodes
Memory technology in batch nodes (EG DDR, ECC, Registered)
Memory size in batch nodes
Memory Latency in batch nodes
Memory bandwidth in batch nodes
Memory controller integrated into CPU on batch nodes?
Memory make in head node
Memory part number in head node
Memory technology in head node (EG DDR, ECC, Registered)
Memory size in head node

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Memory Latency in head node
Memory bandwidth in head node
Memory controller integrated into CPU on head node?
Memory make in SSW
Memory part number in SSW
Memory technology in SSW (EG DDR, ECC, Registered)
Memory size in SSW
Memory Latency in SSW
Memory bandwidth in SSW
nbench single CPU memory result on batch node
nbench single CPU memory result on head node
nbench single CPU memory result on SSW
Number of NIC's in the head node
Type of NIC's in the head node
L1 CPU cache size on batch nodes
L2 CPU cache size on batch nodes
L3 CPU cache size on batch nodes
L1 CPU cache on die on batch nodes?
L2 CPU cache on die on batch nodes?
L3 CPU cache on die on batch nodes?
L1 CPU cache size on head node
L2 CPU cache size on head node
L3 CPU cache size on head node
L1 CPU cache on die on head node?
L2 CPU cache on die on head node?
L3 CPU cache on die on head node?
L1 CPU cache size on SSW
L2 CPU cache size on SSW
L3 CPU cache size on SSW
L1 CPU cache on die on SSW?
L2 CPU cache on die on SSW?
L3 CPU cache on die on SSW?
Number of disks in batch nodes
Number of disks in head node
Number of disks in SSW
Size(s) of disks in batch nodes
Size(s) of disks in head node
Size(s) of disks in SSW
Disk technology in batch nodes (EG SATA I, PATA 133, Wide Ultra2 SCSI, SAS, Firewire, USB)
Disk technology in head node (EG SATA I, PATA 133, Wide Ultra2 SCSI, SAS, Firewire, USB)
Disk technology in SSW (EG SATA I, PATA 133, Wide Ultra2 SCSI, SAS, Firewire, USB)
Disk controller vendor in batch nodes?
Disk controller vendor in head node?
Disk controller vendor in SSW?
Disk controller model in batch nodes?
Disk controller model in head node?
Disk controller model in SSW?
Disk make in batch nodes
Disk make in head node
Disk make in SSW
Disk model in batch nodes
Disk model in head node
Disk model in SSW
Time to write and fsync 2 gig of data to disk on batch node?

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Time to write and fsync 2 gig of data to disk on head node?
Time to write and fsync 2 gig of data to disk on SSW?
Time to create 250,000 0-length files in a single directory on batch node?
Time to create 250,000 0-length files in a single directory on head node?
Time to create 250,000 0-length files in a single directory on SSW?
RAID disks in head node or in distinct chassis?
RAID aggregation done on the head node?
RAID disks attachment to aggregator (EG SATA I, Wide Ultra2 SCSI, GigE, etc)
Size of disks in RAID storage
Number of disks in RAID storage
Disk technology within RAID (EG SATA I, PATA 133, Wide Ultra2 SCSI, SAS, Firewire, USB)
RAID controller make
RAID controller model
Disk make in RAID
Disk model in RAID
Disks in RAID hotswappable electrically?
Disks in RAID hotswappable physically?
RAID disks' operating temperature range?
RAID type (EG RAID 5, RAID 6, RAID 10, etc.)
Time to write and fsync 2 gig of data to the RAID from the head node?
Time to create 250,000 0-length files in a single directory on the RAID from the head node?
IPMI on all batch nodes?
IPMI vendor on batch nodes?
IPMI version on batch nodes?
SMART on all disks in batch nodes?
IPMI on head node?
IPMI vendor on head node?
IPMI version on head node?
SMART on all disks in head node?
IPMI on SSW?
IPMI vendor on SSW?
IPMI version on SSW?
SMART on all disks in SSW?
IPMI on RAID aggregator (if distinct from head node)?
IPMI vendor on RAID aggregator (if distinct from head node)?
IPMI version on RAID aggregator (if distinct from head node)?
SMART on all individual disks in RAID?
Other hardware management technologies
Can monitor all case temperatures?
Can monitor all CPU temperatures?
Can monitor all fan speeds?
Can monitor power supply voltages?
Can monitor all disk temperatures?
Can see how many unused alternate blocks remain on all disks?
Has a node hardware event log?
Crashed batch nodes can be rebooted remotely?
Crashed head node can be rebooted remotely?
Crashed SSW can be rebooted remotely?
Video card or video on motherboard, if any, in batch nodes
Video card or video on motherboard, if any, in head node
Video card or video on motherboard, if any, in SSW
Video card attachment in batch nodes (EG PCI, PCI-Express, AGP 8x, integrated)
Video card attachment in head node (EG PCI, PCI-Express, AGP 8x, integrated)
Video card attachment in SSW (EG PCI, PCI-Express, AGP 8x, integrated)

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Video output make in batch nodes
Video output make in head node
Video output make in SSW
Video output model in batch nodes
Video output model in head node
Video output model in SSW
Removable media in batch nodes
Removable media in head node
Removable media in SSW
Keyboards on batch nodes
Keyboard on head node
Keyboard on SSW
Number of keyboards included?
Mice on batch nodes
Mouse on head node
Mouse on SSW
Number of mice included?
KVM(s)?
Number of "U" in KVM(s)
Nested KVM setup? Star KVM topology? Something else?
Head node network adapter to UCInet make
Head node network adapter to UCInet model
SSW network adapter to UCInet make
SSW network adapter to UCInet model
Compiler vendor (EG Pathscale)
Compiler version number
Number of concurrent compiler users per node
Number of concurrent compiler users across all nodes
Duration of Compiler license in months
Compiler can be used on all nodes?
Compiler will wait until license available?
Linux distribution vendor
Linux distribution version
Job queuing software vendor
Job queuing software version
Motherboard make
Motherboard model
Motherboard chipset
Head node monitor size?
SSW monitor size?
Head node video output DVI/VGA/etc?
SSW video output DVI/VGA/etc?
Number of racks
Number of "U" used in each rack
Number of "U" available in each (empty) rack
Rack power input 3 phase?
Power supplies per batch node?
Power supplies in the head node?
Power supplies in the SSW?
Power supplies in the RAID unit, if not in the head node?
"U" per batch node
Number of power outlets per rack
On site assembly?
Duration of hardware warranty
Duration of workmanship warranty

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Proposed delivery date
Proposed assembly completion date
Can give a firm delivery date?
Can give a firm assembly completion date?
Service turnaround time
On site service available?
How are replacement parts shipped?
On site spare FRU's available?
Duration of included service availability
Power required in watts
Total heat output in watts
Total weight of each rack
Reference #1
Reference #2
Reference #3
Reference #4
Reference #5
More references?
Per node cost for additional batch nodes?
Cost of the SSW?

S...

