

Overview of offers for LCG bootstrap cluster

1 x Master node	Transtec AMD	Transtec Intel	Dalco AMD
CPU	2 x AMD Opteron 246 2.0 Ghz	2 x Intel Xeon 3.0 GHz (1 MB cache)	2 x AMD Opteron 246 2.0 Ghz
Chipset	AMD 8131	Intel E7501	AMD 8131
RAM	2 GB ECC DDR 333 (4 DIMMs)	2 GB ECC DDR (4 DIMMs)	4 GB ECC DDR 400
Bus	2 x 64-bit 100 Mhz PCI-X 1 x 64-bit 66 Mhz PCI 2 x 32-bit 33 Mhz PCI	3 x 64-bit 100 Mhz PCI-X 3 x 64-bit 66 Mhz PCI	2 x 64-bit 133 Mhz PCI-X
Network card	2 x Gigabit Ethernet	2 x Gigabit Ethernet	2 x Gigabit Ethernet
Graphic card	Adaptec 29320R	ATI Rage XL 8 MB	ATI Rage XL 8 MB
Floppy	1 drive	1 drive	1 drive
CD-ROM	DVD/CD	DVD/CD	DVD/CD
Hard disk	2 x 160 GB (S-ATA 7200 rpm)	2 x 160 GB (S-ATA 7200 rpm)	2 x 160 GB (U-ATA 100, 7200 rpm)
Raid controller	1 x 3Ware 2 S-ATA 150	1 x 3Ware 2 S-ATA 150	
Power supply	Redundant 600 Watts	Redundant 600 Watts	Redundant
Rack space			2 U

20 x Compute node	Transtec AMD	Transtec Intel	Dalco AMD
CPU	2 x AMD Opteron 246 2.0 Ghz	2 x Intel Xeon 3.0 GHz (1 MB cache)	2 x AMD Opteron 246 2.0 Ghz
Chipset	AMD 8131	Intel E7501	AMD 8131
RAM	2 GB ECC DDR (4 DIMMs)	2 GB ECC DDR (4 DIMMs)	2 GB ECC DDR 400
Bus	1 x 64-bit 133 Mhz PCI-X	1 x 64-bit 133 Mhz PCI-X 1 x 64-bit 100 Mhz PCI-X	1 x 64-bit 133 Mhz PCI-X
Network card	2 x Gigabit Ethernet	2 x Gigabit Ethernet	2 x Gigabit Ethernet
Graphic card	ATI Rage XL 8 MB	ATI Rage XL 8 MB	ATI Rage XL 8 MB
Hard disk	120 GB (U-DMA 100, 7200 rpm)	120 GB (U-DMA 100, 7200 rpm)	120 GB (U-ATA 100, 7200 rpm)
Power supply	350 Watts	350 Watts	350 Watts
Rack space	1 U	1 U	1 U

1 x File Server n	Transtec AMD	Transtec Intel	Dalco AMD
CPU	2 x Intel Xeon 2.667 Ghz	2 x Intel Xeon 2.667 Ghz	2 x Intel Xeon 2.4 Ghz
Chipset	Intel E7501	Intel E7501	
RAM	2 GB ECC DDR (2 DIMMs)	2 GB ECC DDR (2 DIMMs)	1 GB ECC DDR 266
Bus	3 x 64-bit 66 Mhz PCI	3 x 64-bit 66 Mhz PCI	4 x 64-Bit 66 Mhz PCI 2 x 32-Bit 33Mhz PCI
Network card	2 x Gigabit Ethernet	2 x Gigabit Ethernet	2 x Gigabit Ethernet
Graphic card	ATI Rage XL 8 MB	ATI Rage XL 8 MB	
Floppy	1 drive	1 drive	1 drive
CD-ROM	DVD/CD	DVD/CD	CD
Hard disk (system)	2 x 40 GB (U-DMA) + 160 GB (SCSI)	2 x 40 GB (U-DMA) + 160 GB (SCSI)	2 x 80 GB (S-ATA)
Hard disk (data)	16 x 400 GB (S-ATA)	16 x 400 GB (S-ATA)	16 x 400 GB (S-ATA)
Raid controller			1 x 3Ware 8506-2 S-ATA 150 2 x 3Ware 9500-12 S-ATA 150
Drive slots	16 x S-ATA 150	16 x S-ATA 150	24 x Hot-Swap S-ATA 150
Power supply	400 + 460 Watts (for redundancy)	400 + 460 Watts (for redundancy)	N+1 930W (redundant)
Rack space	5 U	5 U	5 U
Connections & cab	Transtec AMD	Transtec Intel	Dalco AMD
Switch	3Com 2824, 24 Gb ports	3Com 2824, 24 Gb ports	HP ProCurve 2724, 24 Gb ports
Rack	41 U	41 U	42 U
Terminal server	Console solution with serial cross cable Console software included in Linux	Console solution with serial cross cable Console software included in Linux	32-port Cyclades terminal server
Installation and	Transtec AMD	Transtec Intel	Dalco AMD
Test	On-site demo of operability	On-site demo of operability	Pre-test of configuration 48 hours load test On-site demo/workshop
Delivery	Manno	Manno	Manno
Warranty	3 years, 5x8, next business day Email and phone support	3 years, 5x8, next business day Email and phone support	3 years, 5x8, next business day Email and phone support
Price	119'200	112'400	121'400

Dalco Intel	Sun
2 x Intel Xeon 3.06 GHz (1 MB cache) Intel E7501	2 x AMD Opteron 248 2.2 Ghz
4 GB ECC DDR 266	2 GB ECC DDR 333 (4 DIMMs)
1 x 64-bit 133 Mhz PCI-X	1 x 64-bit 133 Mhz PCI-X
2 x 64-bit 100 Mhz PCI-X	1 x 64-bit 66 Mhz PCI-X
2 x 32-bit 33 Mhz PCI	
1 x Gigabit Ethernet	2 x Gigabit Ethernet
ATI Rage XL 8 MB	
1 drive	1 drive
DVD/CD	CD
2 x 160 GB (U-ATA 10, 7200 rp	2 x 146 GB (SCSI 320, 10000 rpm)
Redundant	465 Watts (No redundancy)
2 U	1 U

Dalco Intel	Sun
2 x Intel Xeon 3.06 GHz (1 MB cache) Intel E7501	2 x AMD Opteron 248 2.2 Ghz
2 GB ECC DDR 266	2 GB ECC DDR 333 (4 DIMMs)
1 x 64-bit 133 Mhz PCI-X	1 x 64-bit 133 Mhz PCI-X
2 x 64-bit 100 Mhz PCI-X	1 x 64-bit 66 Mhz PCI-X
2 x 32-bit 33 Mhz PCI	
1 x Gigabit Ethernet	2 x Gigabit Ethernet
ATI Rage XL 8 MB	
120 GB (U-ATA 100, 7200 rpm)	2 x 73 GB (SCSI 320, 10000 rpm)
	465 Watts
1 U	1 U

Dalco Intel	Sun
2 x Intel Xeon 2.4 Ghz	2 x AMD Opteron 248 2.2 Ghz
1 GB ECC DDR 266	2 GB ECC DDR 333 (4 DIMMs)
4 x 64-Bit 66 Mhz PCI	1 x 64-bit 133 Mhz PCI-X
2 x 32-Bit 33Mhz PCI	1 x 64-bit 66 Mhz PCI-X
2 x Gigabit Ethernet	2 x Gigabit Ethernet
1 drive	1 drive
CD	CD
2 x 80 GB (S-ATA)	2 x 73 GB (SCSI 320, 10000 rpm)
16 x 400 GB (S-ATA)	24 x 250 GB (S-ATA)
1 x 3Ware 8506-2 S-ATA 150	
2 x 3Ware 9500-12 S-ATA 150	
24 x Hot-Swap S-ATA 150	24 x S-ATA
N+1 930W (redundant)	
5 U	5 U

Dalco Intel	Sun
HP ProCurve 2724, 24 Gb ports	FastIron Edge 448, 48 Gb ports
42 U	42 U
32-port Cyclades terminal server	Management ports separated from Production ports

Dalco Intel	Sun
Pre-test of configuration	Pre-test of configuration
48 hours load test	On-site demo of operability
On-site demo/workshop	
Manno	Manno
3 years, 5x8, next business day	3 years, 5x8, next business day
Email and phone support	Email and phone support

122'450	139'000
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