

REASON
 HPC Cluster Solutions
 901 Cliff Rd E -- Burnsville, MN 55337
 1-800-601-5391 or 952-229-2099 or Fax: 952-229-2061
 Contact: Tom Morton



Quoted To:
 University of Wisconsin-Milwaukee
 Paul Armor
 UW CONTRACT: #05-2308
 April 16, 2008

Quote# Z-5412V80-b

Servers / Options



| | | Quantity | Price ea. | Total |
|--------------|--|----------|-------------|-------------|
| Case | Supermicro 836TQ-R800V (Silver) 3U Rack-Mount Chassis with 16-port Hot Swap HDDs and Rails | 1 | \$ 7,235.00 | \$ 7,235.00 |
| Power Supply | 800-watt Redundant 1+1 Power Supply | 1 | | |
| Motherboard | Supermicro X7DBN Dual Socket Xeon Motherboard with Intel 5000P Chipset | 1 | | |
| Management | Supermicro IPMI 2.0 Card | 1 | | |
| Processors | Intel Quad-Core Xeon E5335 / 2 GHz (1333 MHz) - LGA771 Socket - L2 4 MB (2 x 2 MB) | 1 | | |
| RAM | 2Gb ECC FBDIMM DDR2-667 HPC Memory Modules | 4 | | |
| Hard Drive | Western Digital WD1000FYPS 1000GB Raid Edition SATA Hard Drive (7200rpm) | 8 | | |
| DVD | 16X Slim DVD-Rom Drive | 1 | | |
| Floppy | 1.44Mb Slim Floppy Drive | 1 | | |
| RAID | 3ware 9650SE-16ML 16-Port SATA PCI-Express x8 Raid Controller | 1 | | |
| Battery | Battery Backup for Raid Controller | 1 | | |
| OS | No OS | - | | |
| Network Card | Integrated Dual Gigabit Ethernet | 1 | | |
| Warranty | 3-Year Warranty on Systems* | 1 | | |
| Warranty | *5-Year Warranty on Hard Drives | 1 | | |
| Freight | Free Shipping to UWM | | | |

4 Cores per Server
 8Gb Total per Server
 6Tb Net Storage RAID-6



| | | | | |
|----------------|--|---|-------------|-------------|
| Platform | Supermicro 6015P-TB Single Motherboard Platform 1U with rails | 2 | \$ 3,279.00 | \$ 6,558.00 |
| Power Supplies | 700W Power Supply | 2 | | |
| Processors | Intel Quad-Core Xeon E5335 / 2 GHz (1333 MHz) - LGA771 Socket - L2 4 MB (2 x 2 MB) | 2 | | |
| RAM | 2Gb ECC FBDIMM DDR2-667 HPC Memory Modules | 8 | | |
| Hard Drive | Western Digital WD1000FYPS 1000GB Raid Edition SATA Hard Drive (7200rpm) | 4 | | |
| RAID | 3Ware 9650SE-2LP SATA2 PCI-Express Hardware RAID Controller | 2 | | |
| Network Card | Integrated Dual-port Gigabit Ethernet Controller | 2 | | |
| Management | IPMI 2.0 Management Card | 2 | | |
| Warranty | 3-Year Parts & Labor Warranty | 2 | | |
| Warranty | 5-Year Warranty on Hard Drives | 2 | | |

4 Cores per Server
 8Gb Ram per Server
 Mirror Drives



Misc Parts (Uninstalled)

| | | | | |
|------------|--|---|-----------|-------------|
| Processors | AMD Opteron 285 Dual Core Processor | 4 | \$ 475.00 | \$ 1,900.00 |
| RAM | 2Gb ECC REG DDR-400 HPC Memory Modules | 8 | \$ 229.00 | \$ 1,832.00 |
| Hard Drive | Western Digital WD1000FYPS 1000GB Raid Edition SATA Hard Drive (7200rpm) | 4 | \$ 299.00 | \$ 1,196.00 |

TOTAL \$ 18,721.00

(Confidential Information / Prices and specifications subject to change without notice / Not Responsible For Typographical Errors.)

Authorized Signature
 (Quote is invalid without signature)