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| Part | Specification | Price/unit | Total Price |
| Mother board | SUPERMICRO MBD-H8DG6-F-O E-ATX Form Server Motherboard Dual 1944-pin Socket G34 2 x AMD SR5690 DDR3 1600/1333/1066<http://www.newegg.com/Product/Product.aspx?Item=N82E16813182322>  | $**579**.99 | $**579**.99 |
| Processor | AMD Opteron 6320 Abu Dhabi 2.8GHz 8MB L2 Cache 16MB L3 Cache Socket G34 115W 8-Core Server Processor<http://www.newegg.com/Product/Product.aspx?Item=N82E16819113316>  | $**289**.99 | $579.98 |
| RAM | Kingston 32GB (4 x 8GB) 240-Pin DDR3 SDRAM ECC Unbuffered DDR3 1600 Server Memory w/TS Model KVR16E11K4/32<http://www.newegg.com/Product/Product.aspx?Item=N82E16820239371>  | $**380**.99 | $**380**.99 |
| Hard drive | Seagate Barracuda ST2000DM001 2TB 7200 RPM 64MB Cache SATA 6.0Gb/s 3.5" Internal Hard Drive Bare Drive<http://www.newegg.com/Product/Product.aspx?Item=N82E16822148834>  | $87.99 | $174.98 |
| Graphics card | ZOTAC NVIDIA GeForce GTX TITAN 6GB GDDR5<http://www.newegg.com/Product/Product.aspx?Item=N82E16814121724>  | $**999**.99 | $**999**.99 |
| Power supply | CORSAIR Professional Series Gold AX1200 (CMPSU-1200AX) 1200W ATX12V v2.31 / EPS12V v2.92 SLI Certified 80 PLUS GOLD Certified Full Modular Active PFC Power Supply<http://www.newegg.com/Product/Product.aspx?Item=N82E16817139014>  | $299.99 | $299.99 |
| Heat sink | Noctua NH-U9DO A3 AMD Opteron, 4 Dual Heat-pipe SSO Bearing Quiet CPU Cooler<http://www.newegg.com/Product/Product.aspx?Item=N82E16835608022>  | $**59**.99 | $119.98 |
| Computer case | SILVERSTONE RAVEN Series RV03B-WA Matte Black with Gray Trimming, Steel / Plastic ATX Full Tower Computer Case<http://www.newegg.com/Product/Product.aspx?Item=N82E16811163185>  | $139.99 | $139.99 |
| Raid 1/hot swap(optional) | Dyconn Dubbler Dock (DUBDB) Aluminum Dual 2.5/3.5" USB3.0 SATA Dock and Standalone Hard Drive/ SSD Duplicator<http://www.newegg.com/Product/Product.aspx?Item=0VN-0004-00002> ORLSI Internal SATA/SAS 9211-8i 6Gb/s PCI-Express 2.0 RAID Controller Card, Single<http://www.newegg.com/Product/Product.aspx?Item=N82E16816118112>  | $64.99* $225.49
 | $64.99$225.49 |