



Inspur NF520D2 Microsoft SQL Server 2008

TPC-E Revision 1.5.1
TPC Pricing Spec 1.3.0

Report Date:
August 29, 2008

Availability Date:
November 30, 2008

| Description | Part Number | Price Source | Unit Price | Qty | Extended Price | 3 yr.Maint. Price |
|---|--------------|--------------|------------|----------|----------------|-------------------|
| Server Hardware | | | | | | |
| Inspur NF520D2 (4 x Intel X7460 Processor(2.67GHz), 128GB memory (32 x 4GB), Integrated RAID Controller, Onboard Dual-Port Gigabit Ethernet Controller, 2 x 73GB SAS driver) plus ServicePac for 3-year 24 x 7 suport) | SNF5202DR111 | 1* | 331,003 | 1 | 331,003 | |
| LSI Logic MegaRAID 8888ELP, Dual-Port | SUN117 | 1 | 7,600 | 4 | 30,400 | |
| mSASx4 to SASx4 4m external Cable | SUN404 | 1 | 300 | 8 | 2,400 | |
| LSI MegaRAID 8888ELP Battery IBBU05 | SUN405 | 1 | 2,100 | 1 | 2,100 | |
| | | | | Subtotal | ¥ 365,903 | |
| Server Storage | | | | | | |
| Adaptec SANbloc s50 JBOD plus ServicePac for 3-year 24 x 7 suport | AS50JPR | 1 | 50,920 | 29 | 1,476,680 | |
| 73GB SAS drive | BSA006 | 1 | 1,860 | 370 | 688,200 | |
| 146GB SAS drive | BSA007 | 1 | 2,304 | 14 | 32,256 | |
| | | | | Subtotal | ¥ 2,197,136 | |
| Server Software | | | | | | |
| SQL Server 2008 Enterprise x64 Edition | BGL108 | 1 | 160,978 | 4 | 643,912 | |
| Windows Server 2008 Enterprise x64 server | BGL109 | 1 | 15,870 | 1 | 15,870 | |
| Microsoft Problem Resolution Services | BGL110 | 1 | 1,683 | 1 | 1,683 | |
| | | | | Subtotal | ¥ 661,465 | |
| Client Hardware | | | | | | |
| Inspur NF280D (2 x Intel Xeon E5410 (2.33GHz), 4GB memory (2 x 2GB),2 x 73GB SAS driver, Integrated RAID Controller, Onboard Dual-Port Gigabit Ethernet Controller, plus ServicePac for 3-year 24 x 7 suport) | SNF2805PR734 | 1 | 26,740 | 2 | 53,480 | |
| | | | | Subtotal | ¥ 53,480 | |
| Client Software | | | | | | |
| Windows Server 2008 Standard x64 Edition | BGL111 | 1 | 4,885 | 2 | 9,770 | |
| | | | | Subtotal | ¥ 9,770 | |
| Infrastructure | | | | | | |
| Cisco Switch 4948 | AS60EPR | 1 | 65,967 | 1 | 65,967 | |
| Ethernet Cables (2 spares) | SUN407 | 1 | 10 | 7 | 70 | |
| | | | | Subtotal | ¥ 66,037 | |
| | | | | Total | ¥ 3,353,791 | |

Note:
Note1:* This component is not immediately orderable. See the FDR for more information.
Note2: Price Source: 1=Inspur
Note3: Order method: 800-860-6708 or 86 0531-85105430

Three-Year Cost of Ownership CNY: ¥ 3,353,791
TPC-E Throughput: 702.90 tpsE
¥CNY/tpsE: ¥ 4771.37

Audited by Lorna Livingtree, Performance Metrics Inc.

Prices used in TPC benchmarks reflect the actual prices a customer would pay for a one-time purchase of the stated components. Individually negotiated discounts are permitted. Special prices based on assumptions about past or future purchase are not permitted. All discounts reflect standard pricing policies for the list components. For complete details, see the pricing sections of the TPC benchmark specifications. If you find that the stated prices are not available according to these items, please inform the TPC at pricing@tpc.org



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| Reported Throughput: 702.90 tpsE | | Configured Customers: 360,000 | | |
|---|----------------|--------------------------------------|-------------------------------|----------------|
| Response Time (in seconds) | Minimum | Average | 90th %-tile | Maximum |
| Broker Volume | 0.00 | 0.08 | 0.23 | 0.61 |
| Customer Position | 0.00 | 0.03 | 0.06 | 8.60 |
| Market Feed | 0.00 | 0.04 | 0.08 | 14.52 |
| Market Watch | 0.00 | 0.02 | 0.05 | 0.73 |
| Security Detail | 0.00 | 0.01 | 0.03 | 0.90 |
| Trade Lookup | 0.00 | 0.76 | 1.03 | 1.75 |
| Trade Order | 0.00 | 0.09 | 0.15 | 14.30 |
| Trade Result | 0.00 | 0.08 | 0.16 | 2.44 |
| Trade Status | 0.00 | 0.03 | 0.05 | 0.66 |
| Trade Update | 0.01 | 0.89 | 1.10 | 1.72 |
| Data Maintenance | 0.01 | 0.17 | N/A | 2.38 |
| Transaction Mix | | Transaction count | | Mix% |
| Broker Volume | | 2,479,885 | | 4.900 |
| Customer Position | | 6,579,615 | | 13.000 |
| Market Feed | | 506,097 | | 1.000 |
| Market Watch | | 9,110,287 | | 18.000 |
| Security Detail | | 7,085,793 | | 14.000 |
| Trade Lookup | | 4,048,669 | | 7.999 |
| Trade Order | | 5,111,706 | | 10.100 |
| Trade Result | | 5,060,939 | | 10.000 |
| Trade Status | | 9,616,605 | | 19.001 |
| Trade Update | | 1,012,144 | | 2.000 |
| Data Maintenance | | 120 | | N/A |
| Test Duration and Timings | | | | |
| Ramp-up Time | | | | 0:46:00 |
| Measurement Interval | | | | 2:00:00 |
| Business Recovery Time | | | | 04:13:54 |
| Total Number of Transactions Completed in Measurement Interval | | | | 50,611,740 |