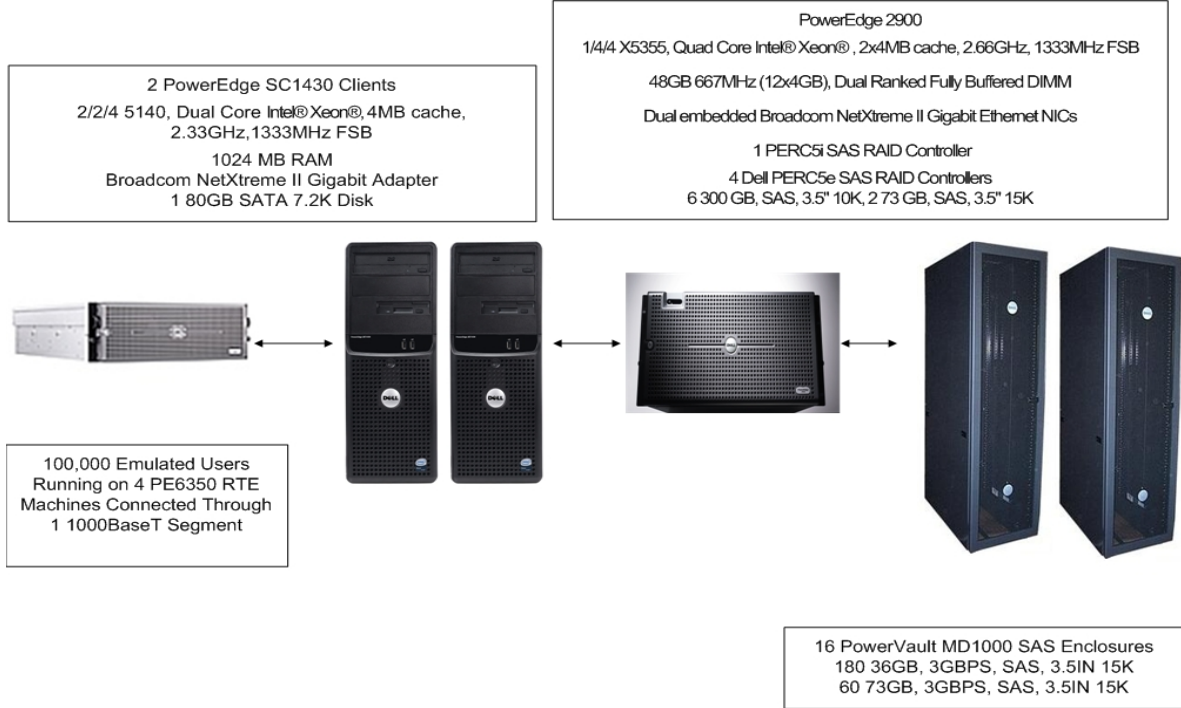


	PowerEdge™ 2900 Server with PowerEdge™ SC1430 Clients	TPC-C Rev 5.8 Original Report Date June 8, 2007
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Total System Cost	TPC-C Throughput	Price/Performance	Availability Date
\$167,665 USD	126,371 tpmC	\$1.33 / tpmC USD	June 8, 2007

Processor	Database Manager	Operating System	Other Software	Number of Users
1/4/4 Quad Core Intel® Xeon® X5355, 2X4MB Cache, 2.66GHZ 1333 FSB	Microsoft SQL Server 2005 Enterprise x64 Edition SP2	Microsoft Windows Server 2003 Enterprise x64 Edition SP1	Windows Server 2003 Standard Edition w/ COM+ Internet Information Server 6.0 Microsoft Visual C++	100,000



System Component	Server		Each Client	
Processor/Core/Cache	1	1/4/4 Quad Core Intel® Xeon® X5355, 2.66GHz, 1333, 2X4MB	2	2/2/4 Dual Core Intel® Xeon® 5140 2.33Ghz 4MB L2
Memory		48GB 667 FB-DIMM		1024 MB
Disk Controllers	4 1	Dell PERC5/E RAID Controllers Integrated PERC5i Raid Controller.	1	Onboard SATA
Disk Drives	180 62 6	36GB SAS 3.5" 15K 73GB SAS 3.5" 15K 300GB SAS 3.5" 10K	1	80GB 7.2K SATA
Total Storage	248	12,505GB SAS	2	160GB SATA
Other	2 1	Broadcom NetXtreme II GigE™ CD-ROM	2 1	Broadcom NetXtreme II GigE™ CD-ROM

Dell		PowerEdge 2900			TPC-C REV 5.8 EXECUTIVE SUMMARY		
				Report Date: June 8, 2007			
Description	Part Number	Third Party		Unit Price	Qty	Extended Price	3 yr. Maint. Price
		Brand	Pricing				
Server Hardware							
X5355,2X4MB/2.66GHz,1333FSB	222-7262			\$1,452.00	1	\$1,452.00	\$320.00
48GB 667MHz(12x4GB),2R	311-6328			\$11,798.00	1	\$11,798.00	
PERC5/E,SAS,EXT,PCI-E,MD1000	341-3023			\$799.00	4	\$3,196.00	
300GB,SAS,3.5IN,10K (LOG)	341-3032			\$649.00	6	\$3,894.00	
73GB SAS 15K (OS)	341-2818			\$299.00	2	\$598.00	
					Subtotal	\$20,938.00	\$320.00
PowerVault Disk Subsystem							
PV MD1000,RACK,3U,15 BAY,LBZL	220-4476			\$2,680.00	16	\$42,880.00	\$26,368.00
SINGLE ENCL MGT MODULE, SAS ONLY	420-5927			\$345.83	16	\$5,533.28	
SAS CABLE,1M,MD1000	310-7082			\$30.00	32	\$960.00	
36GB SAS 15K (Data+Backups)	340-9472			\$249.00	180	\$44,820.00	
73GB SAS 15K (Data+Backups)	341-2818			\$299.00	60	\$17,940.00	
Dell Depth 4 Post Rack 30U	RACK-111-30-D	Racksolutions.com	3	\$429	2	\$858.00	
					Subtotal	\$112,991.28	\$26,368.00
Server Software							
SQL Server 2005 ENT x64 Edition, Per processor licensing	810-03150	Microsoft.com	1a	\$23,911.00	1	\$23,911.00	
Windows Server 2003 Enterprise x64 Edition **	P72-00274	Microsoft.com	1b	\$2,334.00	1	\$2,334.00	
Professional Support (1 Incident)		Microsoft.com	1	\$245.00	1		\$245.00
					Subtotal	\$26,245.00	\$245.00
Client Hardware							
Dell PowerEdge SC 1430, 2.33GHZ/4MB,1333 FSB	222-3183			\$1,060.00	2	\$2,120.00	\$640.00
Additional processor, 5140,4MB/2.33GHz,1333FSB	311-6142			\$749.00	2	\$1,498.00	
1GB,667MHz,(2X512MB),1R,FBD	311-6151			\$339.00	2	\$678.00	
80GB,SATA,1IN,7.2K RPM,HD ,7.2K	341-3757			\$99.00	2	\$198.00	
BCOM NetX 5721,Gb,ETHERNET,NIC	430-1496			\$59.00	2	\$118.00	
E773s 17-inch Color CRT Monitor	E7733YR			\$149.00	1	\$149.00	
4 port KVM switch	A0132666			\$62.00	1	\$62.00	
					Subtotal	\$4,823.00	\$640.00
Client Software							
Windows Server 2003 Standard Edition **	P73-00295	Microsoft.com	1c	\$719.00	2	\$1,438.00	
Visual C++ Standard Edition	254-00170	Microsoft.com	1	\$109.00	2	\$218.00	
					Subtotal	\$1,656.00	
User Connectivity							
5ft Crossover cable	CBLC5C7	LanAdapter.com	2	\$1.38	8	\$11.04	
					Subtotal	\$11.04	
All Hardware and maintenance components from Dell are discounted 16% based on total dollar value of this configuration.						Other Discounts	\$26,572.84
						Total USD:	\$140,091
							\$27,573
Notes: For pricing verification call 1-800-BUY-Dell and reference Quote# 302841264 as a complex quote.						Three-Year Cost of Ownership USD:	
** All Microsoft maintenance is covered by the maintenance costs of Microsoft SQL Server							
Pricing: 1 - Microsoft 2 - LanAdapter.com 3 -RackSolutions.com						tpmC Rating:	
1a = 4.35%; 1b= 41.64%; 1c= 28%						126,371	
Audited by Lorna Livingtree, Performance Metrics Inc.						USD\$ / tpmC:	1.33
Prices used in the TPC benchmarks reflect the actual prices a customer would pay for a one time purchase of the stated components. Individually negotiated discounts are not permitted. All discounts reflect standard pricing policies for the listed components. For complete details, see the pricing sections of the TPC benchmark pricing specifications. If you find that the stated prices are not available according to these terms, please inform the TPC at pricing@tpc.org .							

MQTh, computed Maximum Qualified Throughput

126,371 tpmC

Response Times (in seconds)

	Average	90 th	Max
- Neworder	0.16	0.19	5.03
- Payment	0.13	0.15	1.48
- Delivery (interactive portion)	0.10	0.11	1.20
- Stock-Level	0.15	0.18	4.48
- Order Status	0.15	0.18	5.03
- Delivery (deferred portion)	0.10	0.15	4.92
- Menu	0.16	0.11	1.52

Response time delay added for emulated components

Menu 0.1
Resp 0.1

Transaction Mix, in percent of total transactions

- New-Order	44.84%
- Payment	43.02%
- Delivery	4.05%
- Stock-Level	4.05%
- Order-Status	4.05%

Keying/Think Times (in seconds),

	Min		Average		Max	
- New-Order	18.02	0.0	18.03	12.05	18.10	120.43
- Payment	3.02	0.0	3.03	12.05	3.11	120.43
- Delivery	2.02	0.0	2.03	5.06	2.10	50.42
- Stock-Level	2.02	0.0	2.03	5.06	2.10	50.42
- Order-Status	2.02	0.0	2.03	10.05	2.11	100.43

Test Duration

- Ramp-up time	73 minutes
- Measurement interval	120 minutes
- Number of checkpoints	4
- Checkpoint interval	30 minutes
- Number of transactions (all types)	35,037,023