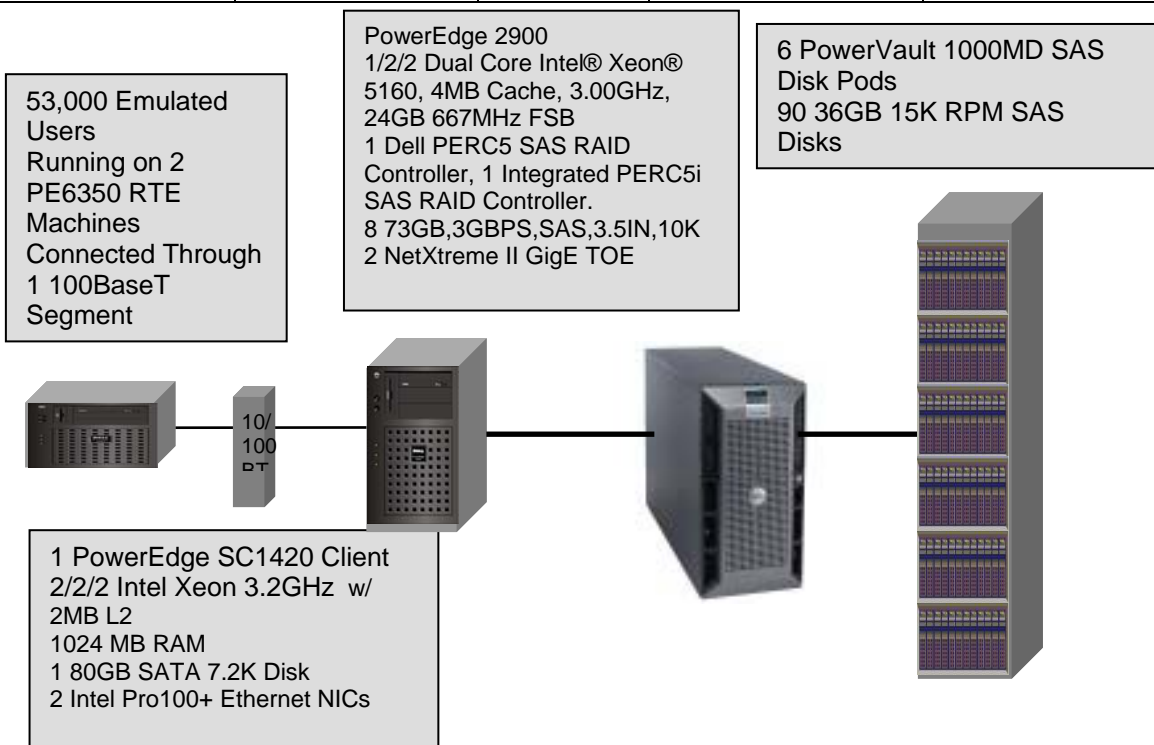


DELL		PowerEdge 2900 Server with 1 PowerEdge SC1420 Client		TPC-C Rev 5.7 Original Report Date June 30 ,2006
Total System Cost		TPC-C Throughput	Price/Performance	Availability Date
\$64,512		65,833 tpmC	\$.98 / tpmC	June 26, 2006
Processors	Database Manager	OS	Other Software	Number of Users
1/2/2 Dual Core Intel® Xeon® 5160, 4MB Cache, 3.00GHZ 1333, 667MHZ FSB	Microsoft SQL Server 2005 Standard x64 Edition	Microsoft Windows Server 2003 Standard x64 Edition SP1	Windows Server 2003 Standard Edition w/ COM+ Internet Information Server 6.0 Microsoft Visual C++	53,000



System Component	Server		Each Client	
Processor/Core/Cache	1	1/2/2 Dual Core Intel® Xeon® 5160, 4MB Cache, 3.00GHZ, 1333	2	2/2/2 Intel® Xeon® w/ 2MB L2, 3.2 GHz
Memory		24GB 667 FB-DIMM		1024 MB
Disk Controllers	1 1	Dell PERC5 RAID Controller. Integrated PERC5i Raid Controller.	1	Onboard SATA
Disk Drives	90 8	36GB SAS 15K 73GB SAS 10K	1	80GB 7.2K SATA
Total Storage	98	3345 GB SAS	1	80GB SATA
Other	2 1	Broadcom NetXtreme II GigE CD-ROM	2 1	10/100MB BT NIC CD-ROM

Dell		PowerEdge 2900			TPC-C REV 5.7 EXECUTIVE SUMMARY PAGE 2 OF 3		
		Client/Server	Report Date: 30-June-06				
Description	Part Number	Third Party	Unit Price	Qty	Extended Price	3 yr. Maint. Price	
Server Hardware							
3.0G/4MB,1333,XEON,2 onboard Gigabit NICs	222-0210		\$1,451.00	1	\$1,451.00	\$320.00	
24GB (12X2GB) DDR2 667MHz FBD	311-3605		\$420.67	12	\$5,048.04		
PERC5/E,SAS,EXT,PCI-E,MD1000	341-3023		\$799.00	1	\$799.00		
73GB SAS 10K (OS+LOG)	341-2565		\$299.00	8	\$2,392.00		
E773s 17-inch Color CRT Monitor	E7733YR		\$149.00	1	\$149.00		
					Subtotal	\$9,839.04	\$320.00
PowerVault Disk Subsystem							
PV MD1000,RACK,3U,15 BAY,LBZL	220-4476		\$3,180.00	6	\$19,080.00	\$9,888.00	
TWO ENCL MGT MODULES, SAS ONLY	340-9324		\$500.00	6	\$3,000.00		
36GB,3GBPS,SAS,3.5IN,15K Hard Drive	340-9472		\$249.00	90	\$22,410.00		
Dell Depth 4 Post Rack 30U	RACK-111-30-D	Racksolutions.com	\$429	3	\$1,287.00		
					Subtotal	\$44,919.00	\$9,888.00
Server Software							
SQL Server 2005 Std x64 Edition, Per processor licensing *	228-03128	Microsoft.com	\$5,999.00	1	\$5,999.00		
Windows Server 2003 Standard x64 Edition **	P73-00295	Microsoft.com	\$719.00	1	\$719.00		
Professional Support (1 Incident)		Microsoft.com	\$245.00	1	\$245.00	\$245.00	
					Subtotal	\$6,718.00	\$245.00
Client Hardware							
Dell PowerEdge SC 1420, 3.2GHZ/2MB,400 FSB	221-7738		\$1,129.00	1	\$1,129.00	\$320.00	
Additional processor , 2nd Proc,3.2GHZ/2MB/400,SC1420	311-4792		\$599.00	1	\$599.00		
1.0GB DDR2, 400, 2X512 Dimms	311-3811		\$198.00	1	\$198.00		
80GB,SATA,1IN,7.2K RPM,HD ,7.2K	341-1024		\$99.00	1	\$99.00		
INTEL PRO-100S WMPSEC,NIC	430-0369		\$59.00	1	\$59.00		
E773s 17-inch Color CRT Monitor	E7733YR		\$149.00	1	\$149.00		
					Subtotal	\$2,233.00	\$320.00
Client Software							
Windows Server 2003 Standard Edition **	P73-00295	Microsoft.com	\$719.00	1	\$719.00		
Visual C++ Standard Edition	254-00170	Microsoft.com	\$109.00	1	\$109.00		
					Subtotal	\$828.00	
User Connectivity							
7ft Crossover cable	CBLC5C7	LanAdapter.com	\$1.38	3	\$4.14		
					Subtotal	\$4.14	
All Hardware and maintenance components from Dell are discounted 16% based on total dollar value of this configuration.					Other Discounts	\$10,803.05	
					Total USD:	\$53,738	\$10,773
Notes: For pricing verification call 1-800-BUY-Dell and reference Quote# 302710744 as a complex quote.					Three-Year Cost of Ownership USD:		\$64,512
** All Microsoft maintenance is covered by the maintenance costs of Microsoft SQL Server							
Pricing: 1 - Microsoft 2 - LanAdapter.com 3 -RackSolutions.com							tpmC Rating: 65833
Audited by Lorna Livingtree, Performance Metrics Inc.							USD\$ /tpmC: 0.98

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

65,833 tpmC

Response Times (in seconds)

	Average	90 th	Max
- Neworder	0.45	0.86	7.14
- Payment	0.36	0.75	6.92
- Delivery (interactive portion)	0.21	0.44	2.83
- Stock-Level	0.47	0.94	7.03
- Order Status	0.42	0.83	9.74
- Delivery (deferred portion)	0.35	0.55	6.99
- Menu	0.21	0.44	2.87

Response time delay added for emulated components

Menu 0.1
Resp 0.1

Transaction Mix, in percent of total transactions

- New-Order	44.83%
- Payment	43.03%
- Delivery	4.05%
- Stock-Level	4.05%
- Order-Status	4.04%

Keying/Think Times (in seconds),

	Min		Average		Max	
- New-Order	18.02	0.0	18.03	12.06	19.53	120.65
- Payment	3.02	0.0	3.03	12.05	4.54	120.88
- Delivery	2.02	0.0	2.03	5.06	3.52	50.42
- Stock-Level	2.02	0.0	2.03	5.06	3.53	50.42
- Order-Status	2.02	0.0	2.03	10.06	3.52	100.42

Test Duration

- Ramp-up time	10 minutes
- Measurement interval	120 minutes
- Number of checkpoints	4
- Checkpoint interval	30 minutes
- Number of transactions (all types)	18,257,161