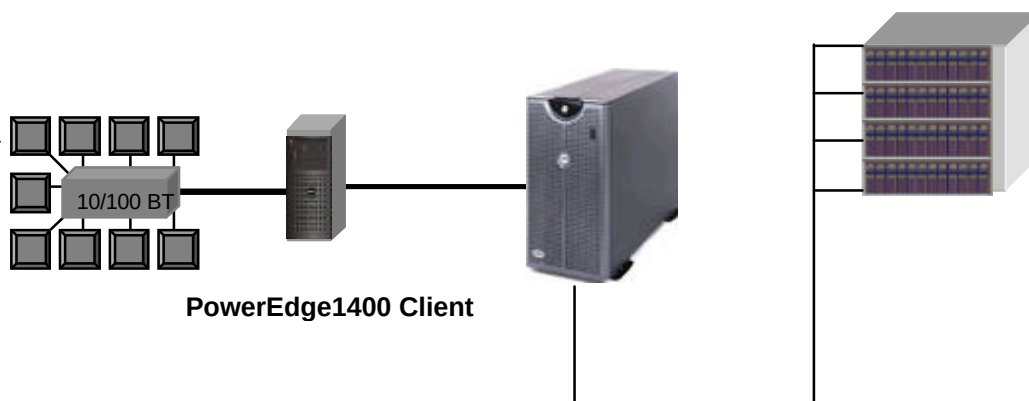


Total System Cost		TPC-C Throughput		Price/Performance		Availability Date	
\$49,484		11,314.11 tpmC		\$4.38/ tpmC		DEC 14, 2001	
Processors		Database Manager		OS		Other Software	
1 x Pentium® III Processors 1130 MHz 512KB L2 Cache		Microsoft SQL Server 2000 Standard Edition		Microsoft Windows 2000 Server		Windows 2000 Server w/ COM+ Internet Information Server 5.0 Microsoft Visual C++	
						9,120	

PE2500

w/ 1 1130 MHz
Pentium® III CPU w/
512KB L2 cache,
2.25GB RAM,
3 Mylex AcceleRAID352
RAID Controllers,
4 18GB 10K RPM U2
SCSI Disks

4 PV210S Disk Pods
48 18GB 10K RPM U3 SCSI Disks



System Component	Server		Each Client	
Processors	1	Pentium® III	1	Pentium® III
Cache		@ 1130MHz w/ 512KB L2		@ 1000MHz w/ 256 KB L2
Memory		2304 MB		512 MB
Disk Controllers	3	Mylex AcceleRAID 352	1	Adaptec On-Board
	2	Adaptec On-Board		
Disk Drives	1	9 GB SCSI	1	9 GB
	52	18 GB SCSI		
Total Storage		880 GB		9 GB
Other	1	10/100 BT internal NIC	1	
	1	CD-ROM	1	
	1	Tape Backup Unit		

Appendix E - Price Quotations

Dell		PowerEdge 2500		TPC-C REV 5.0 EXECUTIVE SUMMARY PAGE 2 OF 2			
		Client/Server		Report Date: 14-Dec-01			
Description	Part Number	Third Party Brand	Pricing	Unit Price	Qty	Extended Price	3-yr. Maint. Price
Server Hardware							
Dell PowerEdge 2500 includes:	220-6475		1	1,221	1	1,221	74
Pentium III Xeon 1.13 GHz /512KB L2 - 1 processor							
2 GB RAM, 4 x 512MB DIMMS	311-6574		1	1,796	1	1,796	
256 MB RAM, 2 x 128MB DIMMS	311-6567		1	204	1	204	
6 Bay HD Back Plane	311-6578		1	179	1	179	
Non-Redundant Power Supply	310-0846		1	199	1	199	
9 GB U160M SCSI 10K RPM Hard Drive	340-1937		1	249	1	249	
Tape Backup Unit	340-2559		1	699	1	699	
Dell 15" Monitor	320-0960		1	149	1	149	
ACCELER RAID A352 PCI SCSI 2 channel RAID controller***, ****	08P2420	Mylex	3	595	5	2,975	
Subtotal						7,671	74
PowerVault Disk Subsystem							
PV210S, U3 SCSI, PS, Rack mount	220-4099, etc.		1	2,539	4	10,156	2,40
SCSI Cables	310-0313		1	49	4	196	
18 GB U160M SMRT SCSI 10K RPM Hard Drive *	340-6639		1	249	52	12,948	
Subtotal						23,300	2,40
Server Software							
SQL Server 2000 Sta. Edition, Per processor licensing **		Microsoft	2	4,999	1	4,999	6,28
Windows 2000 Server, 25 Client Licenses **		Microsoft	2	738	1	738	
Subtotal						5,737	6,28
Client Hardware							
Dell PowerEdge 1400SC, 1GHz Pentium III w/ 256KB L2	220-2333		1	786	1	786	39
512MB RAM, 1 DIMM	311-1194		1	408	1	408	
9GB LVD SCSI Hard Drive,	340-1964		1	249	1	249	
Ether Express PRO 100+ Ethernet Adapter	430-1970	Intel	1	59	1	59	
Dell 15" Monitor	320-0960		1	149	1	149	
Subtotal						1,651	39
Client Software							
Windows 2000 Server, 5 Client Licenses **		Microsoft	2	738	1	738	
Visual C++ Professional 6.0 Win32 **		Microsoft	2	549	1	549	
Subtotal						1,287	
User Connectivity							
Crossover Cable 6ft***	CLB514	OCSUSA	4	2	3	6	
Subtotal						6	
Other Discounts						-	
Total						39,652	9,83
Notes: * Maint. included in PowerVault 210S disk pod or PV650F/630F fibre channel disk pod						Three-Year Cost of Ownership:	
** All Microsoft maintenance is covered by the maintenance costs of Microsoft SQL Server						\$49,484	
*** 10% or minimum 2 spares are added in place of onsite service (products have a five year return-to-vendor warranty) Pricing: 1 - Dell 2 - Microsoft 3 - Computer Giants 4 - OCSUSA						tpmC Rating:	
**** Substituting for ExtremeRAID 2000. See Auditor's note in FDR						11314.11	
Audited by Loma Livingtree, Performance Metrics Inc.						\$ / tpmC:	
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 not permitted. Special prices based on assumptions about past or future purchases are not permitted. All discounts reflect standard pricing policies for the listed 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.						4.38	

Appendix E - Price Quotations

MQTh , computed Maximum Qualified Throughput				11314.11 tpmC		
Response Times (in seconds)				Average	90th	Max
- Neworder				0.51	0.74	6.91
- Payment				0.30	0.46	5.01
- Order Status				0.38	0.58	8.07
- Delivery (interactive portion)				0.15	0.26	0.79
- Delivery (deferred portion)				0.71	1.14	2.48
- Stock-Level				3.19	4.32	9.93
- Menu				0.15	0.27	0.97
Response time delay added for emulated components				Menu 0.15 Resp 0.15		
Transaction Mix , in percent of total transactions						
- New-Order				44.85%		
- Payment				43.02 %		
- Order-Status				4.04 %		
- Delivery				4.05 %		
- Stock-Level				4.04 %		
Keying/Think Times (in seconds),				Min	Average	Max
- New-Order	18.03	0.0		18.01	12.06	18.04 120.41
- Payment	3.03	0.0		3.02	12.03	3.04 120.41
- Order-Status	2.03	0.0		2.02	10.07	2.04 100.40
- Delivery	2.03	0.0		2.02	5.06	2.04 50.40
- Stock-Level	2.03	0.0		2.02	5.06	2.04 50.40
Test Duration						
- Ramp-up time				5 minutes		
- Measurement interval				120 minutes		
- Number of checkpoints				1		
- Checkpoint interval				30 minutes		
- Number of transactions (all types) completed in measurement interval				3,149,348		