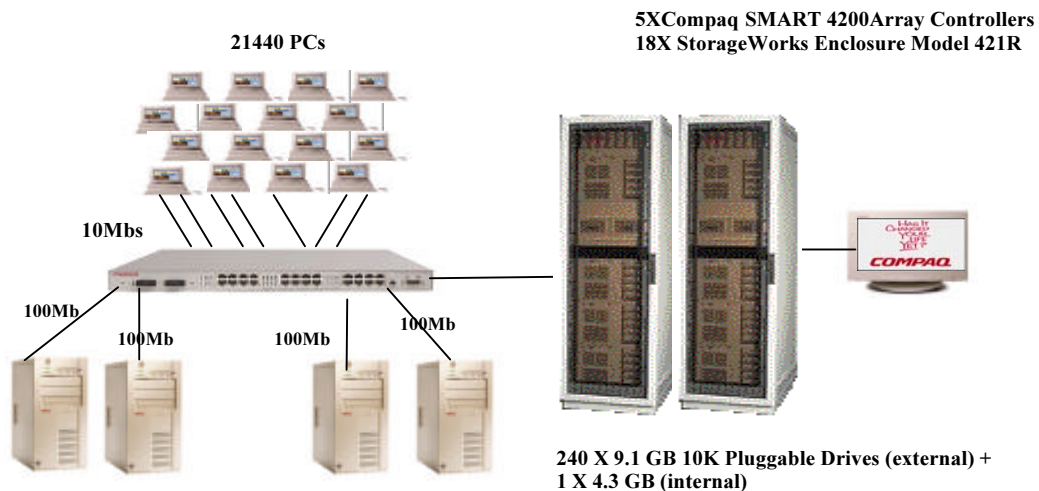


Compaq Computer Corporation		ProLiant 6400R-550/2M C/S with 4 ProLiant 1600		TPC-C Rev. 3.4 Report Date: Aug 23, 1999					
Total System Cost		TPC-C Throughput		Price/Performance		Availability Date			
\$426,023		25633.03		\$16.62		Dec 31, 1999*			
Processors		Database Manager		Operating System		Other Software		Number of Users	
4 Pentium III Xeon 550 MHz		Microsoft SQL Server 7.0 Enterprise Edition		Windows NT 4.0 Enterprise Edition (SP4)		Microsoft Visual C++ MKS Toolkit for NT Microsoft COM+		21440	

Compaq ProLiant 6400R-550/2M



System Components	Server		Each Client	
	Quantity	Description	Quantity	Description
Processor	4	550MHz PentiumIII Xeon w/ 2MB Cache	2	500MhzPentium II w/ 512K cache
Memory	16	256MB	4	128MB
Disk Controllers	5	SMART 4200 Array Controller	1	Integrated Ultra SCSI Controller
Disk Drives	240	9.1GB SCSI Drive	1	4.3GB SCSI Drive
Total Storage		2.1370 TeraBytes		4.3GB
Tape Drives	1	4/16 TurboDAT		

* Hardware availability date is November 15, 1999

Compaq Computer Corporation		ProLiant 6400R-550/2M		TPC-C Rev. 3.4		
Client/Server		Report Date:		23-Aug-99		
Description	Part Number	Third Party	Unit Price	Qty	Extended Price	5 yr. Maint. Price
Server Hardware						
ProLiant 6400R-550/2M	388394-003	Brand Pricing	1	22,624	1	22,624
- 2 Pentium III Xeon/550MHz 2MB Cache						
- 1024 MB Buffered EDO Memory						
- CD-ROM 24X						
- 10/100 Ethernet Controller						
Compaq NC3123 Fast Ethernet NIC PCI, 10/100 WOL	174830-B21		1	75	1	75
ProLiant Pentium III Xeon 550 - 2MB Cache Processor Kit	154714-B21		1	6,720	2	13,440
1024 MB Buffered EDO Memory Kit (4 x 256MB)	238807-B21		1	1,982	3	5,947
Compaq SMART Array Controller 4200	295636-B21		1	2,218	5	11,088
StorageWorks Enclosure Model 4214R	103381-001		1	1,903	18	34,252
4.3-GB Fast SCSI-2 7200 RPM Drive	199580-001		1	447	1	447
Compaq VGA V55 Color Monitor	308006-001		1	240	1	240
4/8GB DAT Drive	295353-B21		1	703	1	703
Compaq Rack Model 7142	165753-001		1	1,680	2	3,360
Compaq Rack Coupling Kit	165664-001		1	152	1	152
Compaq Rack Sidewall Kit	165652-001		1	208	1	208
9.1 GB Hot-Plug SCSI-3 Drive - 10K	336357-B21		1	716	240	171,763
ProLiant Enterprise Server - Parts Exchange - 1 Year	FM-HEPRT-12		1	597	2	1,194
ProLiant Storage System - Parts Exchange - 1 Year	FM-STPRT-12		1	255	36	9,180
Onsite 5x8 4 Hr Service Upgrade from Compaq Standard Service	Allstar		1			21,144
Subtotal					264,300	31,518
Server Software						
Microsoft SQL Server 7.0 Enterprise	Microsoft	2	28,999	1	28,999	10,475
MKS Toolkit for NT	MKS	1	499	1	499	5 Yr WTY
Microsoft Visual C++ 6.0	Microsoft	2	549	1	549	Incl Above
Microsoft Windows NT Enterprise v. 4.0	Microsoft	2	3,999	1	3,999	Incl Above
Subtotal					34,046	10,475
Client Hardware						
ProLiant 1600 6/500 - 128MB, 100TX Nic	386746-001		1	2,685	4	10,739
ProLiant 1600 6/500 Processor Option Kit	401268-B21		1	1,399	4	5,596
128-Megabyte SD DIMM Kit	313615-B21		1	202	12	2,419
Compaq VGA V55 Color Monitor	308006-001		1	240	4	959
4.3GB Wide Ultra2 SCSI Hard Drive	349513-B21		1	469	4	1,877
ProLiant Workgroup Server - Parts Exchange - 1 Year	FM-LOPRT-12		1	259	8	2,072
Onsite 5x8 4 Hr Service Upgrade from Compaq Standard Service	Allstar		1			1,727
Subtotal					21,589	3,799
Client Software						
Microsoft Windows 2000 Server	Microsoft	2	809	4	3,236	Incl. Above
Subtotal					3,236	0
User Connectivity						
Compaq Dual Speed Switch SW3322	355310-B21	Compaq	1	2,944	3	8,833
8-port 10BaseT hub		Generic	1	29.00	2953	85,637
Subtotal					94,470	0
Large Purchase and Cash discount	9.0%		1			
Total					\$383,409	\$42,614
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 pricing specifications. If you find that the stated prices are not available according to these terms, please inform the TPC at pricing@tpc.org. Thank you.				Five-Year Cost of Ownership: \$426,023		
				tpmC Rating: 25633.03		
				\$ / tpmC: \$16.62		
Pricing: 1=Allstar Systems 2=Microsoft						
Note 1 = 5 Year warranty with 10% Spares -						
Note: The benchmark results and test methodology were audited by Lorna Livingtree of Performance Metrics, Inc.						

Numerical Quantities Summary

MQTH, Computed Maximum Qualified Throughput

25633.03 tpmC

% throughput difference, reported & reproducibility runs

0.1%

Response Times (in seconds)

	Average	90%	Maximum
New-Order	0.65	1.12	7.75
Payment	1.03	2.37	14.60
Order-Status	0.22	0.27	4.74
Delivery (interactive portion)	0.11	0.12	0.22
Delivery (deferred portion)	0.45	0.68	1.56
Stock-Level	2.43	3.56	22.50
Menu	0.11	0.12	0.67

Transaction Mix, in percent of total transaction

New-Order	44.83%
Payment	43.04%
Order-Status	4.04%
Delivery	4.02%
Stock-Level	4.08%

Emulation Delay (in seconds)

	Resp.Time	Menu
New-Order	0.10	0.10
Payment	0.10	0.10
Order-Status	0.10	0.10
Delivery (interactive)	0.10	0.10
Stock-Level	0.10	0.10

Keying/Think Times (in seconds)

	Min.	Average	Max.
New-Order	18.00/0.00	18.01/12.59	18.05/126.00
Payment	3.00/0.00	3.01/12.60	3.04/126.00
Order-Status	2.00/0.00	2.01/10.51	2.03/104.99
Delivery (interactive)	2.00/0.00	2.01/5.24	2.04/52.49
Stock-Level	2.00/0.00	2.01/5.27	2.03/52.50

Test Duration

Ramp-up time	20 minutes
Measurement interval	30 minutes
Transactions (all types) completed during measurement interval	1,715,509
Ramp down time	20 minutes

Checkpointing

Number of checkpoints	1
Checkpoint interval	30 minutes