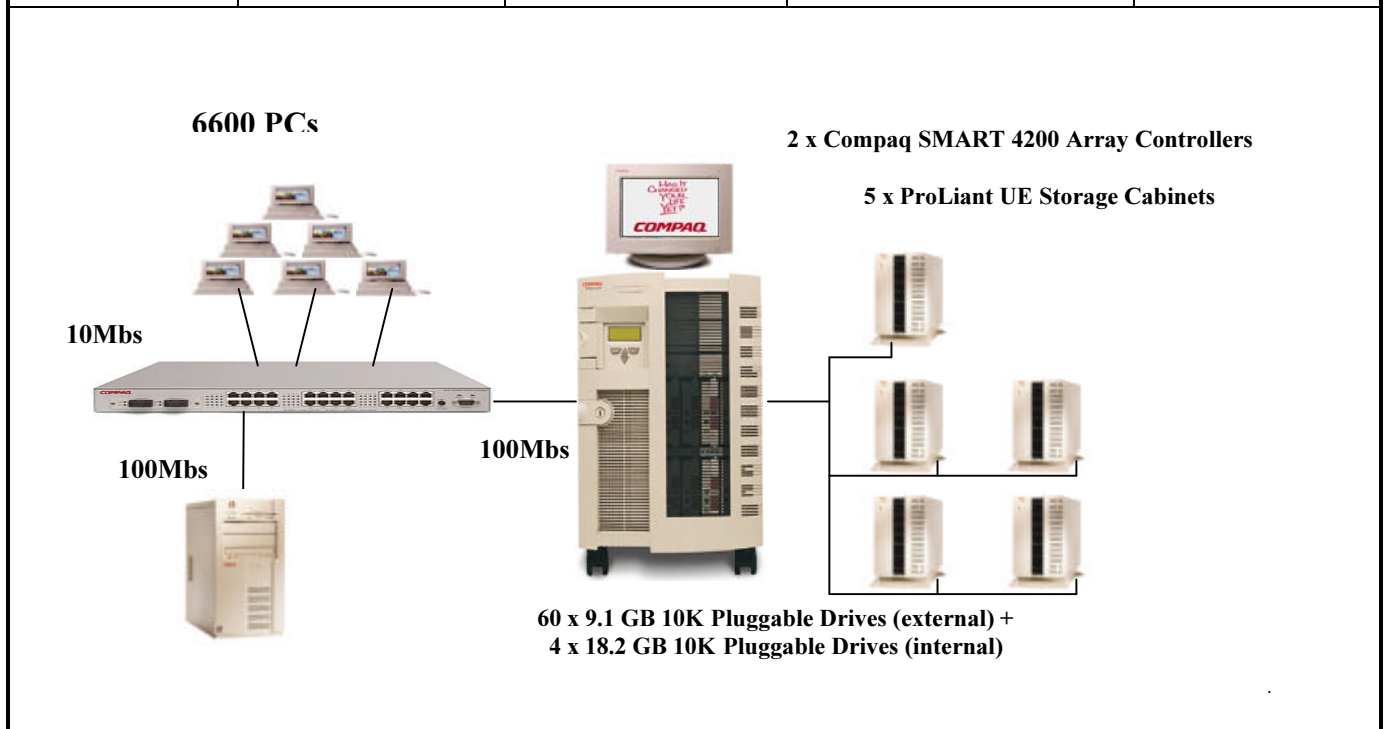


Compaq Computer Corporation		ProLiant 3000 6/600 1P C/S with 1 ProLiant 1600		TPC-C Rev. 3.5 Report Date: Oct 11,1999					
Total System Cost		TPC-C Throughput		Price/Performance		Availability Date			
\$160,643		8049.60		\$19.96		Dec 31, 1999*			
Processors		Database		Operating System		Other Software		Number Users	
1 Pentium III 600 MHz		Microsoft SQL Server 7.0 Enterprise Edition		Windows NT 4.0 Enterprise Edition (SP5)		Microsoft Visual C++ MKS Toolkit for NT Microsoft COM+		6600	



	Server		Each Client	
System Components	Quantity	Description	Quantity	Description
Processor	1	600MHz Pentium III w/ 512KB Cache	2	500MhzPentium III w/ 512K cache
Memory	4	512MB	4	128MB
Disk Controllers	2	SMART 4200 Array Controller	1	Integrated Ultra SCSI Controller
Disk Drives	4	18.2GB SCSI Drive	1	9.1GB SCSI Drive
	60	9.1GB SCSI Drive		
Total Storage		557.56 GB		9.1GB
Tape Drives	1	4/16 TurboDAT		

* All hardware components are available at the time of this publication.

Compaq Computer Corporation		ProLiant 3000 6/600 1P		TPC-C Rev. 3.5			
Description		Part Number	Third Party	Unit Price	Qty	Extended Price	5 yr. Maint. Price
Server Hardware		Brand Pricing					
ProLiant 3000 6/600 - 1	154258-001	1	4,760	1	4,760		
1 x Pentium III 600MHz - 512KB Cache							
2 x Integrated Fast-SCSI-3 Controller							
CD-ROM,128MB							
10/100 Ethernet Controller							
Wide Ultra2 Simplex Drive Cage	382157-B21	1	336	1	336		
512-MB SDRAM DIMM Memory Module	313617-B21	1	2,374	4	9,498		
256-MB SDRAM DIMM Memory Module	313616-B21	1	851	4	3,405		
Compaq SMART Array Controller 4200	295636-B21	1	2,218	2	4,435		
ProLiant Storage UE - tower	348710-002	1	1,903	5	9,514		
18.2GB Pluggable Wide-Ultra2 10K Universal Drive (1")	388144-B22	1	962	4	3,848		
Compaq V500 Color Monitor	325900-001	1	203	1	203		
4/8GB DAT Drive	295353-B21	1	703	1	703		
9.1GB Hot-Plug SCSI-3 Drive - 10K	336357-B21	1	716	60	42,941		
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	10			2,550
Onsite 5x8 4 Hr Service Upgrade from Compaq Standard Service	Allstar	1					6,371
					Subtotal	79,643	10,115
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	2,083	1	2,083		
ProLiant 1600 6/500 Processor Option Kit	401268-B21	1	1,399	1	1,399		
128-Megabyte SD DIMM Kit	313615-B21	1	202	2	403		
Compaq V500 Color Monitor	325900-001	1	203	1	203		
9.1GB Pluggable Wide Ultra2 Universal Drive (1")	123065-B22	1	581	1	581		
ProLiant Workgroup Server - Parts Exchange - 1 Year	FM-LOPRT-12	1	259	2			518
Onsite 5x8 4 Hr Service Upgrade from Compaq Standard Service	Allstar	1					374
					Subtotal	4,669	892
Client Software							
Microsoft Windows 2000 Server	Microsoft	2	809	1	809		Incl. Above
					Subtotal	809	0
User Connectivity							
Compaq Dual Speed Switch SW3322	355300-B21	Compaq	1,679	3	5,037		See Note 1
8-port 10BaseT hub		Generic	29.00	909	26,361		See Note 1
					Subtotal	31,398	0
Large Purchase and Cash discount	9.0%	1					
					Total	\$140,151	\$20,491
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: \$160,643		
					tpmC Rating: 8049.60		
					\$/ tpmC: \$19.96		
Pricing: 1=Allstar Systems 2=Microsoft							
Note 1 = 5 Year warranty with 10% Spares -							
Note: The benchmark results and test methodology were audited by Tom Sawyer of Performance Metrics, Inc.							

Numerical Quantities Summary

MQTH, Computed Maximum Qualified Throughput

8049.60 tpmC

% throughput difference, reported & reproducibility runs

0.10%

Response Times (in seconds)

Average

90%

Maximum

New-Order	0.54	0.74	12.40
Payment	0.47	0.67	11.18
Order-Status	0.49	0.68	9.93
Delivery (interactive portion)	0.15	0.12	2.56
Delivery (deferred portion)	0.27	0.43	3.36
Stock-Level	1.02	1.40	10.19
Menu	0.15	0.12	2.58

Transaction Mix, in percent of total transaction

New-Order	44.88%
Payment	43.00%
Order-Status	4.04%
Delivery	4.00%
Stock-Level	4.07%

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	18.01/12.44	18.03/124.81
Payment	3.00/0.00	3.01/12.48	3.03/124.81
Order-Status	2.00/0.00	2.01/10.42	2.03/93.06
Delivery (interactive)	2.00/0.00	2.01/5.15	2.03/52.00
Stock-Level	2.00/0.00	2.01/5.21	2.02/52.00

Test Duration

Ramp-up time	20 minutes
Measurement interval	20 minutes
Transactions (all types) completed during measurement interval	373054
Ramp down time	20 minutes

Checkpointing

Number of checkpoints	1
Checkpoint interval	20 minutes