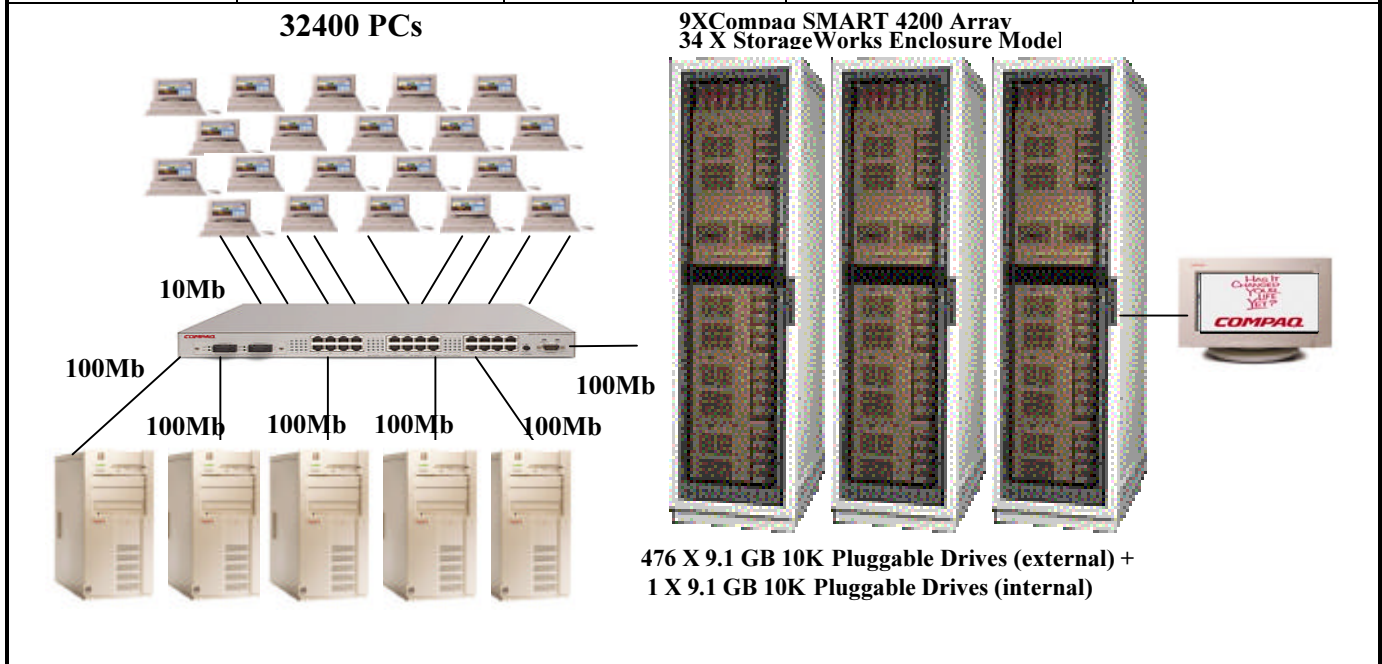


Compaq Computer Corporation	ProLiant 8500-550-8P	TPC-C Rev. 3.5
	C/S with 5 ProLiant 1600	Report Date: Dec 20, 1999

Total System Cost	TPC-C Throughput	Price/Performance	Availability Date
\$683,666	40697.20	\$16.80	Dec 31, 1999*

Processors	Database	Operating System	Other Software	Number Users
8 Pentium III Xeon 550 MHz	Microsoft SQL Server 7.0 SP2 Enterprise Edition	Windows NT 4.0 Enterprise Edition (SP4)	Microsoft Visual C++ MKS Toolkit for NT Microsoft COM+	32400



System Components	Server		Each Client	
	Quantity	Description	Quantity	Description
Processor	8	550MHz Pentium III Xeon w/ 2MB Cache	2	600MhzPentium III w/ 512K cache
Memory	16	256MB	4	128MB
Disk Controllers	9	SMART SCSI Array Controller 4200	1	Integrated Ultra SCSI Controller
Disk Drives	477	9.1GB SCSI Drive	1	9.1GB SCSI Drive
Total Storage		3.9423 TeraBytes		9.1 GB
Tape Drives	1	4/16 TurboDAT		

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

Compaq Computer Corporation		ProLiant 8500-550-8P		TPC-C Rev. 3.5		
Client/Server		Report Date:		20-Dec-99		
Description	Part Number	Third Party Brand	Unit Price	Qty	Extended Price	5 yr. Maint. Price
Server Hardware						
Brand Pricing						
ProLiant 8500-550-4 - 4 Pentium III Xeon/550MHz 2MB Cache - 2 GB SD RAM Memory - CD-ROM 24X - 10/100 Ethernet Controller	323300-001		49,280	1	49,280	
ProLiant Pentium III Xeon 6/550-2M w/ Redundant PPM	146170-B21		6,048	4	24,192	
512MB SD RAM Memory Kit (2 x 256MB)	238807-B21		1,652	4	6,608	
Compaq SMART Array Controller 4200	295636-B21		2,218	9	19,958	
StorageWorks Enclosure Model 4214T	124875-001		2,352	34	79,968	
Compaq V500 Color Monitor	325900-001		203	1	203	
4/8GB DAT Drive	295353-B21		703	1	703	
Compaq Rack Model 7142	165753-001		1,680	3	5,040	
Compaq Rack Coupling Kit	165664-001		152	2	305	
Compaq Rack Sidewall Kit	165652-001		208	1	208	
9.1GB Wide U2 10K	328939-B22		604	477	287,955	
ProLiant Enterprise Server - Parts Exchange - 1 Year	FM-HEPRT-12		597	2		1,194
ProLiant Storage System - Parts Exchange - 1 Year	FM-STPRT-12		255	68		17,340
Onsite 5x8 4 Hr Service Upgrade from Compaq Standard Service	Allstar	1				37,954
Subtotal					474,421	56,488
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 6/600 - 128MB,100TX Nic	153552-001		2,688	5	13,440	
ProLiant 1600 6/600 Processor Option Kit	153555-B21		1,343	5	6,714	
128-Megabyte SD DIMM Kit	313615-B21		409	5	2,044	
Compaq V500 Color Monitor	325900-001		203	5	1,014	
9.1GB Wide U2 10K	328939-B22		604	5	3,018	
ProLiant Workgroup Server - Parts Exchange - 1 Year	FM-LOPRT-12		259	10		2,590
Onsite 5x8 4 Hr Service Upgrade from Compaq Standard Service	Allstar	1				2,098
Subtotal					26,230	4,688
Client Software						
Microsoft Windows 2000 Server	Microsoft	2	809	5	4,045	Incl. Above
Subtotal					4,045	0
User Connectivity						
Compaq Dual Speed Switch SW3322	355300-B21	Compaq	1,679	4	6,716	See Note 1
8-port 10BaseT hub		Generic	29.00	4461	129,369	See Note 1
Subtotal					136,085	0
Large Purchase and Cash discount	9.0%	1			(\$57,306)	(\$5,506)
Total					\$617,521	\$66,145
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: \$683,666		
				tpmC Rating: 40697.20		
				\$ / tpmC: \$16.80		
Pricing: 1=Allstar Systems 2= Microsoft						
Note 1 = 5 Year warranty with 10% Spares -						
Note: The benchmark results and test methodology were audited by Loma Livingtree of Performance Metrics, Inc.						

Numerical Quantities Summary

MQTH, Computed Maximum Qualified Throughput

40697.20 tpmC

% throughput difference, reported & reproducibility runs

0.10%

Response Times (in seconds)

	Average	90%	Maximum
New-Order	0.37	0.50	4.56
Payment	0.21	0.28	2.19
Order-Status	0.21	0.25	4.56
Delivery (interactive portion)	0.11	0.12	0.26
Delivery (deferred portion)	0.48	0.63	2.27
Stock-Level	1.80	2.35	5.69
Menu	0.11	0.13	0.78

Transaction Mix, in percent of total transaction

New-Order	44.91%
Payment	43.08%
Order-Status	4.00%
Delivery	4.00%
Stock-Level	4.01%

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	18.01/12.01	18.04/120.21
Payment	3.00/0.00	3.01/12.00	3.03/120.20
Order-Status	2.00/0.00	2.01/10.02	2.03/100.21
Delivery (interactive)	2.00/0.00	2.01/5.02	2.03/50.20
Stock-Level	2.00/0.00	2.01/5.03	2.03/50.20

Test Duration

Ramp-up time	20 minutes
Measurement interval	20 minutes
Transactions (all types) completed during measurement interval	1812538
Ramp down time	20 minutes

Checkpointing

Number of checkpoints	1
Checkpoint interval	20 minutes