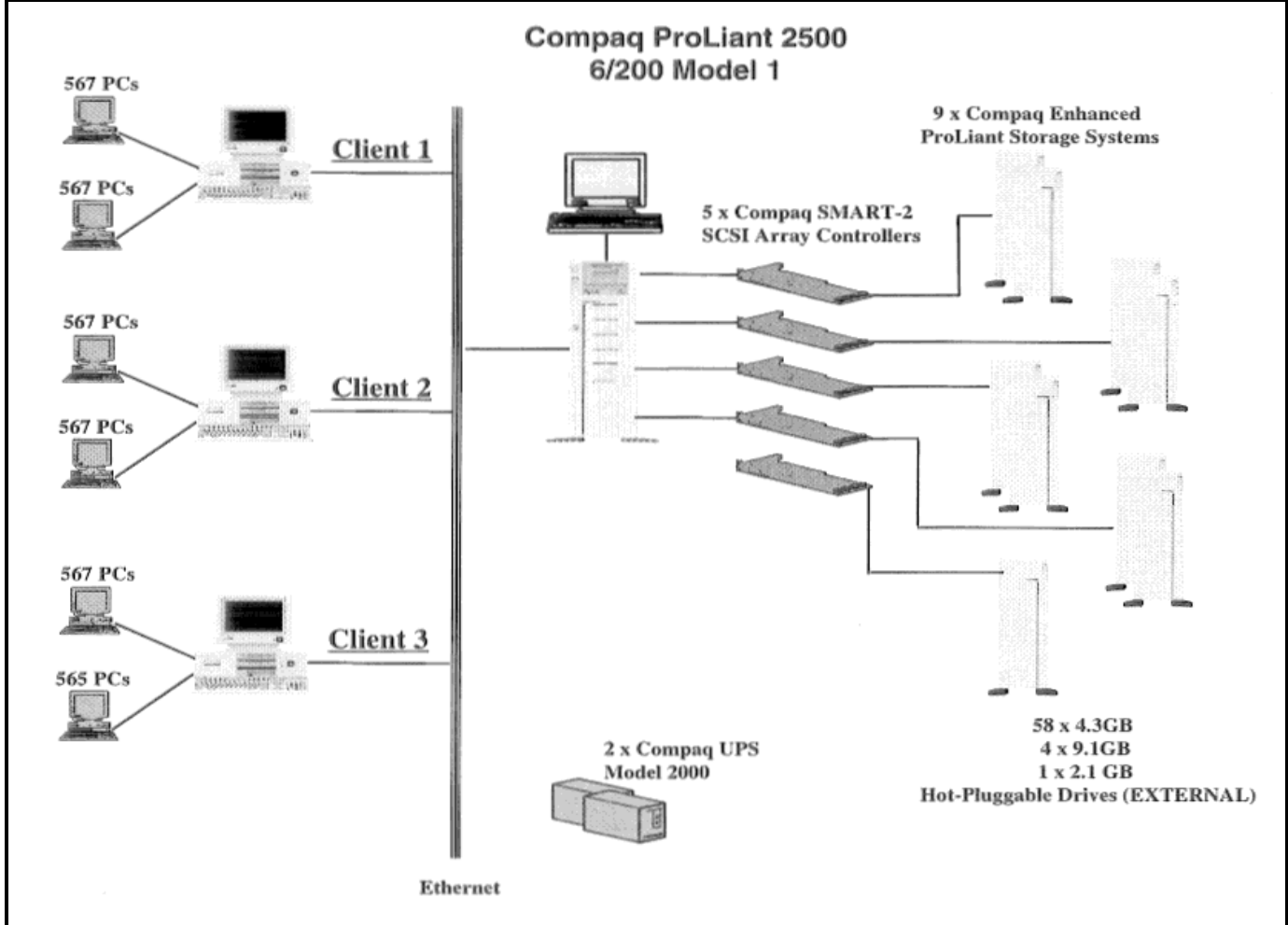


Compaq Computer Corporation		ProLiant 2500 6/200 (2 Proc) C/S with 3 ProLiant 800		TPC-C Rev. 3.2 Report Date: Feb 4, 1996	
Total System Cost		TPC-C Throughput		Price/Performance	
\$278,513		4039.83 tpmC		\$68.94	
				HW - Currently Available SW - March 1997	
Processors		Database Manager		Operating System	
2 Pentium®Pro 200 MHz		Microsoft SQL Server 6.5.242 (SP3)		Microsoft Windows NT 4.0	
				Other Software	
				Microsoft Internet Connector License, Microsoft Visual C++	
				Number of Users	
				3400	



System Components	Server		Clients	
	Quantity	Description	Quantity	Description
Processor	2	200MHz Pentium®Pro 256K Level 2 Cache	3	200MHz Pentium®Pro 256K Level 2 Cache
Memory	1	1048MB	3	96MB
Disk Controllers	5	SMART2/P Array Controller	3	Integrated SCSI Disk Controller
Disk Drives	58	4.3 GB SCSI-2 Drives	3	4.3 GB SCSI-2 Drive
	4	9.1 GB SCSI-2 Drives		
	1	2.1 GB SCSI-2 Drive		
Total Storage		287.9 GB		12.9 GB
Tape Drives	1	4/16 TurboDAT		

Compaq Computer Corporation		ProLiant 2500 - 6/200 (2P)			TPC-C REV 3.2		
Client/Server		Report Date:		4-Feb-97			
Description	Part Number	Third Party	Unit Price	Qty	Extended Price	5 yr. Maint. Price	
Server Hardware							
Brand Pricing							
ProLiant 2500 6/200 - Model 1N PentiumPro/200MHz Processor Board Netelligent 10/100 TX Ethernet Controller Integrated Fast-SCSI-2 Controller CD-ROM SmartStart	250980-001		4,968	1	4,968	1,987	
6/200 - 256K Processor Expansion Kit	264366-001		1,375	1	1,375	550	
256 MB DIMM Kit	271910-001		7,920	4	31,680	12,672	
SMART-2 SCSI Array Controller	142055-001		2,098	5	10,490	4,196	
Enhanced ProLiant Storage System	189600-001		863	9	7,766	3,107	
2.1 GB Pluggable SCSI-2 Drive	199876-001		798	1	798	319	
4.3 GB Pluggable SCSI-2 Drive	146742-006		1,187	58	68,841	27,537	
9.1 GB Pluggable SCSI-2 Drive	199882-001		2,376	4	9,504	3,802	
Compaq V50 Monitor	264150-001		373	1	373	149	
Compaq Uninterruptible Power Supply M2000	142228-003		798	2	1,596	638	
4\16GB TurboDAT Drive	142181-001		1,084	1	1,084	434	
Subtotal					138,476	55,390	
Server Software							
Microsoft Windows NT Server v. 4.0		Microsoft	1	809	1	809	0*
Microsoft SQL Server 6.5 plus User License (w/ 5 cal)		Microsoft	1	1,399	1	1,399	10,475
Microsoft Internet Connector License		Microsoft	1	2,999	1	2,999	0*
Subtotal					5,207	10,475	
Client Hardware							
ProLiant 800 6/200 -1	273720-001		4,103	3	12,309	4,924	
64-Megabyte Memory Kit (64MB, EDO SIMMs, 60 ns)	225483-001		985	3	2,955	1,182	
NetFlex 3 PCI Ethernet Controller	169810-001		168	6	1,008	403	
Compaq V50 Monitor	264150-001		373	3	1,118	447	
Subtotal					17,389	6,956	
Client Software							
Microsoft Windows NT Server v. 4.0		Microsoft	1	809	3	2,427	0*
Microsoft Visual C++ v. 4.0		Microsoft	1	499	1	499	0*
Subtotal					2,926	0	
User Connectivity							
NetLux 100TX HUB 8 Port + 10% spares		NetLux		595	3	1,785	5 yr warranty
NetLux HUB - 24 Port + 10% spares		NetLux		251	159	39,909	5 yr warranty
Subtotal					41,694	0	
Total					\$205,692	\$72,821	
<p>*Maintenance is covered by the maint. cost for Microsoft SQL Server</p> <p>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.</p>					<p>Five-Year Cost of Ownership: \$278,513</p> <p>tpmC Rating: 4039.83</p> <p>\$ / tpmC: \$68.94</p>		
Note: The benchmark results and test methodology were audited by Lorna Livingtree of Performance Metrics, Inc.							

Numerical Quantities Summary

MQTH, Computed Maximum Qualified Throughput

4039.83 tpmC

% throughput difference, reported & reproducibility runs

0.02%

Response Times (in seconds)

	Average	90%	Maximum
New-Order	1.28	1.88	30.67
Payment	1.12	1.71	4.96
Order-Status	1.52	2.17	5.42
Delivery (interactive portion)	0.87	1.62	2.22
Delivery (deferred portion)	2.10	2.25	38.30
Stock-Level	3.36	4.72	20.18
Menu	0.12	0.14	3.41

Transaction Mix, in percent of total transaction

New-Order	44.63%
Payment	43.15%
Order-Status	4.11%
Delivery	4.05%
Stock-Level	4.06%

Emulation Delay (in seconds)

	Resp.Time	Menu
New-Order	0.1	0.1
Payment	0.1	0.1
Order-Status	0.1	0.1
Delivery (interactive)	0.1	0.1
Stock-Level	0.1	0.1

Keying/Think Times (in seconds)

	Min.	Average	Max.
New-Order	18.01/0.00	18.01/12.17	18.19/122.30
Payment	3.01/0.00	3.01/12.22	3.13/122.30
Order-Status	2.01/0.00	2.01/10.10	2.05/90.80
Delivery (interactive)	2.01/0.00	2.01/5.05	2.05/46.20
Stock-Level	2.01/0.00	2.01/5.13	2.13/50.90

Test Duration

Ramp-up time	108 minutes
Measurement interval	30 minutes
Transactions (all types) completed during measurement interval	1,344,650
Ramp down time	10 minutes

Checkpointing

Number of checkpoints	1
Checkpoint interval	30 minutes