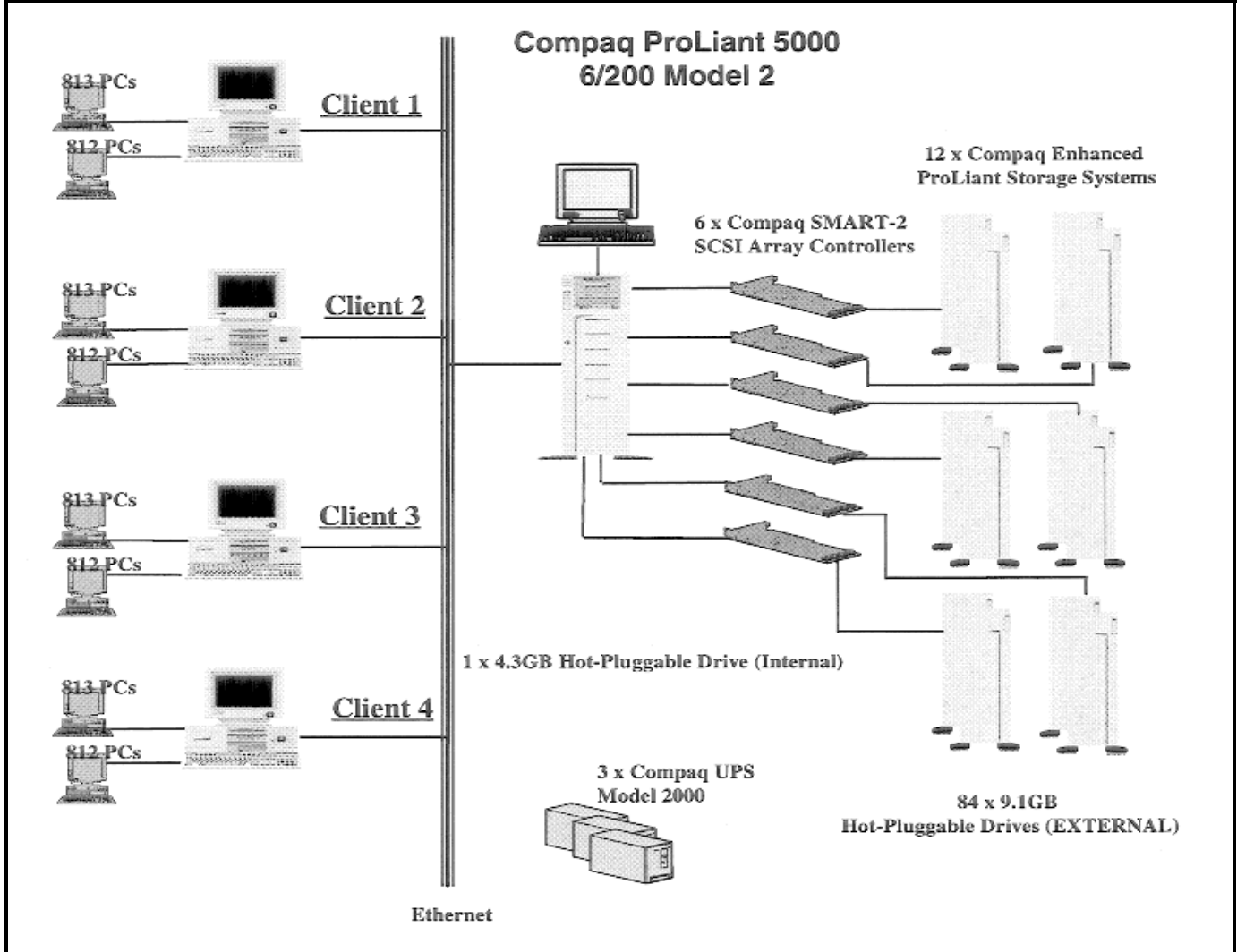


Compaq Computer Corporation		ProLiant 5000 6/200 Model 2 C/S with 4 ProLiant 2500		TPC-C Rev. 3.2 Report Date: Dec 19, 1996	
Total System Cost		TPC-C Throughput		Price/Performance	
\$583,610.00		7,521.13 tpmC		\$77.59	
				Availability Date	
				HW - December 1996 SW - March 1997	
Processors		Database Manager		Operating System	
4 Pentium®Pro 200 MHz		Microsoft SQL Server 6.5.219 (SP3)		Microsoft Windows NT 4.0	
				Other Software	
				Microsoft Internet Connector License, Microsoft Visual C++, Microsoft SQL Server Programmer's Toolkit	
				Number of Users	
				6,500	



System Components	Server		Clients	
	Quantity	Description	Quantity	Description
Processor	4	200MHz Pentium®Pro 512K Level 2 Cache	4	200MHz Pentium®Pro 256K Level 2 Cache
Memory	1	2048MB	4	128MB
Disk Controllers	6	SMART2/P Array Controller	4	SMART2/P Array Controller
Disk Drives	84	9.1 GB SCSI-2 Drives	4	2.1GB SCSI-2 Drive
	1	4.3GB SCSI-2 Drives		
Total Storage		732.78 GB		8.4GB
Tape Drives	1	4/16 TurboDAT		

Compaq Computer Corporation		Proliant 5000 - 6/200 (512k) Model 2			TPC-C REV 3.2		
Client/Server		Report Date:		19-Dec-96			
Description	Part Number	Third Party Brand Pricing	Unit Price	Qty	Extended Price	5 yr. Maint. Price	
Server Hardware							
Proliant 5000 6/200 512K Cache - Model 2 x PentiumPro/200MHz Processor Board Netelligent 10/100 TX Ethernet Controller Integrated Fast-SCSI-2 Controller CD-ROM SmartStart Compaq System Configuration Utility	221000-002		18,700	1	18,700	7,480	
6/200 - 512K Processor Expansion Kit	219443-001		3,282	2	6,564	2,626	
1 GB DIMM Kit	241774-B21		30,450	2	60,900	24,360	
SMART-2/P SCSI Array Controller	194753-001		2,132	6	12,792	6,294	
Enhanced Proliant Storage System	189600-001		1,205	12	14,460	5,784	
4.3 GB Pluggable SCSI-2 Drive	146742-006		1,351	1	1,351	540	
9.1 GB Pluggable SCSI-2 Drive	199882-001		2,090	84	175,560	70,224	
Compaq VGA Monochrome Monitor	194951-001		197	1	197	79	
Compaq Uninterruptible Power Supply M	142228-003		934	3	2,802	1,121	
4\16GB TurboDAT Drive	142181-001		1,084	1	1,084	434	
Subtotal					294,410	118,941	
Server Software							
Microsoft SQL Server 6.5 plus User License (w/ 5 cal)		Microsc 1	1,399	1	1,399	10,475	
* All Microsoft maint. is covered by the maint. cost of Microsoft SQL Server.							
Microsoft Windows NT Server v. 4.0		Microsc 1	809	1	809	0*	
Microsoft Internet Connector License		Microsc 1	2,999	1	2,999	0*	
Subtotal					5,207	10,475	
Client Hardware							
Proliant 2500 - Model 6/200H-1	250960-001		6,710	4	26,840	10,736	
64-Megabyte EDO DIMM	271908-001		1,410	8	11,280	4,512	
SMART-2/P SCSI Array Controller	194753-001		2,132	4	8,528	4,196	
2.1 GB Pluggable SCSI-2 Drive	199876-001		796	4	3,184	1,592	
NetFlex 3 PCI Ethernet Controller	169810-001		168	8	1,344	538	
Compaq VGA Monochrome Monitor	194951-001		197	4	788	315	
Subtotal					51,964	21,889	
Client Software							
Microsoft Windows NT Server v. 4.0		Microsc 1	809	4	3,236	0*	
Microsoft SQL Server Programmer's Toolkit		Microsc 1	499	1	499	0*	
Microsoft Visual C++ v. 4.0		Microsc 1	499	1	499	0*	
Subtotal					4,234	0	
User Connectivity							
NetLux 8-Port 100TX TrueFAST Ethernet Hub		NETLUX 1	595	2	1,190	5 yr warranty	
NetLux 24-Port 10Base-T Ethernet Hub		NETLUX 1	251	300	75,300	5 yr warranty	
Subtotal					76,490	0	
Total					\$432,305	\$151,305	
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: \$583,610		
					tpmC Rating: 7521.13		
					\$ / tpmC: \$77.59		
Note:The benchmark results and test methodology were audited by Lorna Livingtree of Performance Metrics, Inc.							

Numerical Quantities Summary

MQTH, Computed Maximum Qualified Throughput

7521.13 tpmC

% throughput difference, reported & reproducibility runs

0.02%

Response Times (in seconds)

	Average	90%	Maximum
New-Order	2.08	2.62	6.75
Payment	1.88	2.40	5.09
Order-Status	2.29	3.16	6.86
Delivery (interactive portion)	1.30	2.05	5.00
Delivery (deferred portion)	2.06	2.67	51.28
Stock-Level	4.44	5.90	9.76
Menu	0.05	0.09	3.08

Transaction Mix, in percent of total transaction

New-Order	44.74%
Payment	43.05%
Order-Status	4.08%
Delivery	4.07%
Stock-Level	4.05%

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	18.01/12.10	18.28/121.1
Payment	3.01/0.00	3.01/12.09	3.23/122.02
Order-Status	2.01/0.00	2.01/10.11	2.11/95.90
Delivery (interactive)	2.01/0.00	2.01/5.14	2.15/45.40
Stock-Level	2.01/0.00	2.01/5.09	2.13/50.40

Test Duration

Ramp-up time	41 minu
Measurement interval	30 minu
Transactions (all types) completed during measurement interval	2,498,9
Ramp down time	10 minu

Checkpointing

Number of checkpoints	
Checkpoint interval	30 minu