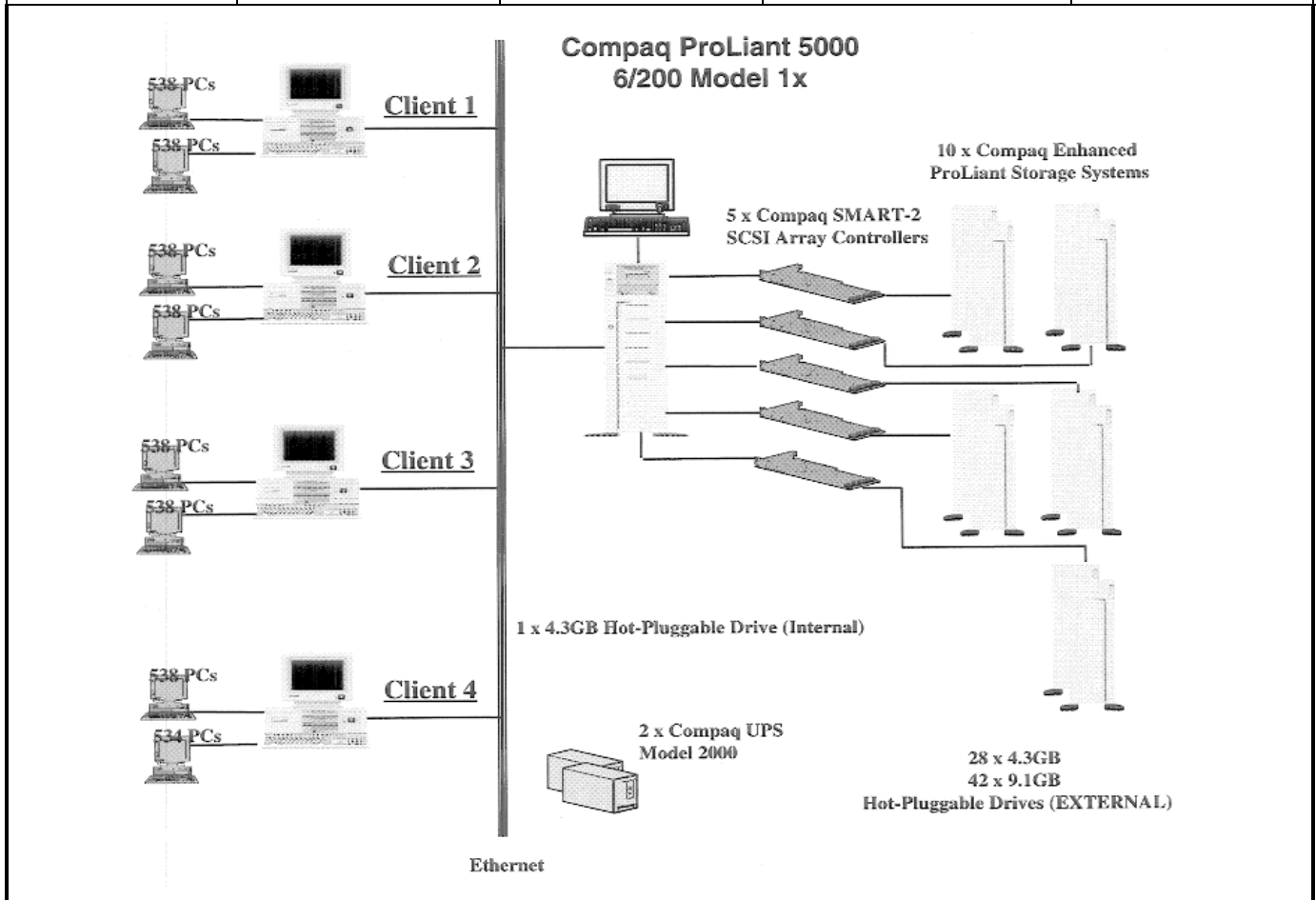


Compaq Computer Corporation		ProLiant 5000 6/200 Model 1x		TPC-C Rev. 3.3	
		C/S with 4 ProLiant 800		Report Date: May 28,1997	
Total System Cost		TPC-C Throughput		Price Performance	
\$432,736		5008.47 tpmC		\$86.40	
Processors		Database Manager		Operating System	
2 Pentium®Pro 200 MHz		ORACLE7 7.3.4		Windows NT 4.0	
				Other Software	
				TopEnd v2.04.01	
				Number of Users	
				4300	



System Components	Server		Clients	
	Quantity	Description	Quantity	Description
Processor	2	200MHz Pentium®Pro 512K Level 2 Cache	4	Pentium®Pro 200 MHz w/256K cache
Memory	1	2048MB	4	128 MB
Disk Controllers	5	SMART-2 SCSI Array Controller	4	Integrated Ultra SCSI Controller
Disk Drives	42	9.1GB SCSI-2 Drive	4	4.3 GB SCSI-2 Drive
	29	4.3 GB SCSI-2 Drive		
Total Storage		471.40 GB		15.96 GB
Tape Drives	1	4/16 TurboDAT		

Compaq Computer Corporation		ProLiant 5000 - 6/200 (512K) Model 1X			TPC-C REV 3.3		
Client/Server		Report Date:		28-May-97			
Description	Part Number	Third Party	Unit Price	Qty	Extended Price	5 yr. Maint. Price	
Server Hardware							
		Brand Pricing					
ProLiant 5000 6/200 512K Cache - Model 1X 1 x PentiumPro/200MHz 512K Processor Board Netelligent 10/100 TX Ethernet Controller Integrated Fast-SCSI-2 Controller CD-ROM SmartStart Compaq System Configuration Utility	221000-001		11,131	1	11,131	3,896	
6/200 - 512K Processor Expansion Kit	219443-001		2,651	1	2,651	928	
1GB DIMM Kit	241774-B21		18,522	2	37,044	12,965	
SMART-2/P SCSI Array Controller	194753-001		2,132	5	10,660	3,731	
Enhanced ProLiant Storage System	189600-001		863	10	8,630	3,021	
4.3 GB Pluggable SCSI-2 Drive	146742-006		1,227	29	35,583	12,454	
9.1 GB Pluggable SCSI-2 Drive	199882-001		2,248	42	94,416	33,046	
Compaq V50 Color Monitor	264150-001		383	1	383	134	
Compaq Uninterruptible Power Supply T2000	242688-005		934	2	1,868	654	
4\16GB TurboDAT Drive	142181-001		1,084	1	1,084	379	
Subtotal					203,450	71,208	
Server Software							
Microsoft Windows NT Server v. 4.0		Microsoft	1	809	1	809	4,045
Oracle7 Workgroup Server for NT v.7.3.4		Oracle	1	18,311	1	18,311	18,311
MKS Toolkit		MKS	1	349	1	349	5 yr warranty
Subtotal					19,469	22,356	
Client Hardware							
ProLiant 800 6/200 - Model 4300	273750-003		3,647	4	14,588	5,106	
64-MB Memory Kit (1x64-MB, 60 ns, ECC)	225483-001		625	8	5,003	1,751	
Netelligent 10/100 UTP PCI NIC	169845-001		105	8	840	294	
Compaq V50 Color Monitor	264150-001		383	4	1,532	536	
Subtotal					21,963	7,687	
Client Software							
Microsoft Windows NT Server v. 4.0		Microsoft	1	809	4	3,236	16,180
Microsoft Visual C++ v. 4.0		Microsoft	1	499	1	499	2,495
TOP END		NCR	1	2,700	4	10,800	8,850
TOP END - Interactive System Definition		NCR	1	1,000	1	1,000	
Subtotal					14,535	27,525	
User Connectivity							
NetLux 8-Port 100TX TrueFAST Ethernet Hub		NetLux	1	658	3	1,974	5 yr warranty
CentreCOM 24-Port Ethernet Hub	AT3024TR	CentreCO	1	215	198	42,570	5 yr warranty
Subtotal					44,544	0	
Total					\$303,961	\$128,775	
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: \$432,736		
					tpmC Rating: 5008.47		
					\$ / tpmC: \$86.40		
Note: The benchmark results and test methodology were audited by Richard Gimarc of Performance Metrics, Inc.							

Numerical Quantities Summary

MQTH, Computed Maximum Qualified Throughput

5008.47 tpmC

% throughput difference, reported & reproducibility runs

0.08%

Response Times (in seconds)

Average

90%

Maximum

New-Order	1.24	2.45	8.23
Payment	1.08	2.25	6.74
Order-Status	1.00	2.16	6.72
Delivery (interactive portion)	0.15	0.20	1.87
Delivery (deferred portion)	0.76	1.29	48.72
Stock-Level	1.53	3.10	7.70
Menu	0.14	0.16	3.09

Transaction Mix, in percent of total transaction

New-Order	44.68%
Payment	43.09%
Order-Status	4.06%
Delivery	4.10%
Stock-Level	4.07%

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	18.01/12.84	18.18/129.41
Payment	3.01/0.00	3.01/12.84	3.12/128.41
Order-Status	2.01/0.00	2.01/10.60	2.05/95.60
Delivery (interactive)	2.01/0.00	2.01/5.35	2.06/57.40
Stock-Level	2.01/0.00	2.01/5.35	2.09/53.50

Test Duration

Ramp-up time	25 minutes
Measurement interval	30 minutes
Transactions (all types) completed during measurement interval	334,563
Ramp down time	27 minutes

Checkpointing

Number of checkpoints	1
Checkpoint interval	30 minutes

