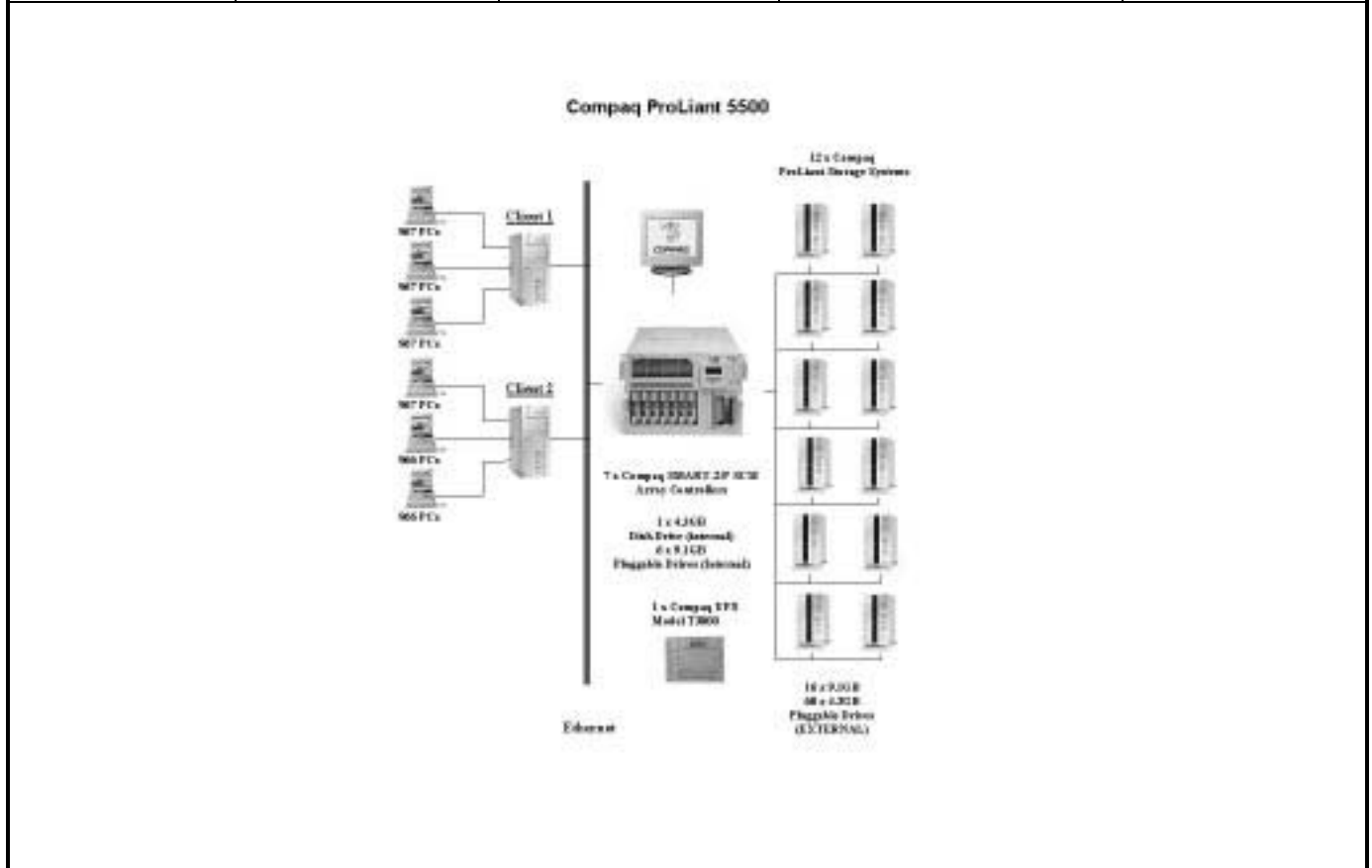


Compaq Computer Corporation		ProLiant 5500 C/S with 2 ProLiant 1600		TPC-C Rev. 3.3 Report Date: Nov 7, 1997					
Total System Cost		TPC-C Throughput		Price/Performance		Availability Date			
\$306,331		6856.00		\$44.68		Dec 31, 1997			
Processors		Database Manager		Operating System		Other Software		Number of Users	
2 Pentium®Pro 200 MHz		Microsoft SQL Server 6.5 Enterprise Edition		Windows NT 4.0 Enterprise Edition		Tuxedo 6.3 CFS Microsoft Visual C++ MKS Toolkit for NT Microsoft SQL Toolkit		5,800	



System Components	Server		Each Client	
	Quantity	Description	Quantity	Description
Processor	2	200MHz Pentium®Pro w/ 512K Level 2 Cache	2	266MHz Pentium®II w/ 512K cache
Memory	1	3072MB	1	192MB
Disk Controllers	7	SMART-2/P SCSI Array Controller	1	Integrated Ultra SCSI Controller
Disk Drives	68	4.3GB SCSI-2 Drive	1	4.3GB SCSI-2 Drive
	22	9.1GB SCSI-2 Drive		
	01	2.1GB SCSI-2 Drive		
Total Storage		436GB		
Tape Drives	1	4/16 TurboDAT		

Compaq Computer Corporation		ProLiant 5500 - 2P			TPC-C REV 3.3		
Description		Part Number	Third Party Brand	Unit Price	Qty	Extended Price	5 yr. Maint. Price
Server Hardware							
ProLiant 5500	285100-001			8,020	1	8,020	
PentiumPro/200MHz - 512K Cache							
10/100 Ethernet Controller							
2 x Integrated Fast-SCSI-2 Controller							
CD-ROM, SmartStart							
ProLiant Warranty Upgrade	276535-000			1,075	1		1,075
Onsite 5x8 4 Hr Response Maintenance							8,910
6/200 - 512 Processor Expansion Kit	169470-B21			2,043	1	2,043	
1 GB DIMM Kit	241774-B21			11,867	3	35,601	
SMART-2/P SCSI Array Controller	194753-001			2,132	7	14,924	
Enhanced ProLiant Storage System	189600-001			886	12	10,632	
ProLiant Storage Warranty Upgrade	276537-001			430	12		5,160
4.3 GB Pluggable SCSI-2 Drive	146577-001			983	75	73,725	See Note 4
9.1 GB Pluggable SCSI-2 Drive	199882-001			1,561	25	39,025	See Note 4
2.1 GB SCSI Disk	142216-001			633	1	633	
Compaq VGA V50 Color Monitor	264150-001			383	1	383	
Compaq 3000VA UPS Model T3000	242705-001			1,801	1	1,801	
4/8GB DAT Drive	295353-B21			848	1	848	
				Subtotal		187,634	15,145
Server Software							
Microsoft SQL Server 6.5 Enterprise		Microso	1	28,999	1	28,999	10,475
MKS Toolkit for NT				499	1	499	5 Yr WTY
Microsoft Visual C++ and Subscription Service		Microso	1	499	1	499	Incl Above
Microsoft Windows NT Enterprise v. 4.0		Microso	1	3,999	1	3,999	Incl Above
				Subtotal		33,996	10,475
Client Hardware							
ProLiant 1600 6/266 - 64MB,100TX Nic, 4.	292930-001			3,655	2	7,310	
ProLiant Warranty Upgrade	276535-000			1,075	2	0	2,150
Onsite 5x8 4 Hr Response Maintenance							1,523
Pentium II 6/266 Processor Exp. Kit	149027-B21			1,048	2	2,096	
64-Megabyte EDO DIMM Kit	225483-001			550	4	2,202	
Netelligent 10/100 UTP PCI NIC	169845-001			77	6	464	
Compaq VGA V50 Color Monitor	264150-001			311	2	621	
				Subtotal		12,694	3,673
Client Software							
Microsoft Windows NT Server v. 4.0		Microso	1	809	2	1,618	Incl. Above
Microsoft SQL Toolkit		Microso	1	499	1	499	Incl. Above
Tuxedo - NT		BEA	2	3,000	2	6,000	4,500
				Subtotal		8,117	4,500
User Connectivity							
COMPEX MicroHub 5 PORT - 100TX Hub	DEH2604	Compe:	3	199	3	597	See Note 4
COMPEX MicroHub/8 - 8 Port Hub	DEH2924	Compe:	3	29.50	1000	29,500	See Note 4
				Subtotal		30,097	0
				Total		\$272,538	\$33,793
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:		\$306,331	
				tpmC Rating:		6856.00	
				\$ / tpmC:		\$44.68	
(Pricing: 1 = Microsoft 2 = BEA 3 = Data Comm Warehouse) - Note 4 = 5 Year warranty with 10% Spares							
Note:The benchmark results and test methodology were audited by Lorna Livingtree of Performance Metrics, Inc.							

Numerical Quantities Summary

MQTH, Computed Maximum Qualified Throughput

6856.00 tpmC

% throughput difference, reported & reproducibility runs

1.0%

Response Times (in seconds)

Average

90%

Maximum

New-Order	1.18	1.64	221.34
Payment	1.26	2.13	130.41
Order-Status	0.89	1.33	8.22
Delivery (interactive portion)	0.56	0.82	6.91
Delivery (deferred portion)	3.16	10.28	23.08
Stock-Level	1.05	1.84	8.78
Menu	0.18	0.17	7.47

Transaction Mix, in percent of total transaction

New-Order	44.64%
Payment	43.06%
Order-Status	4.09%
Delivery	4.12%
Stock-Level	4.09%

Emulation Delay (in seconds)

Resp.Time

Menu

New-Order	N/A	N/A
Payment	N/A	N/A
Order-Status	N/A	N/A
Delivery (interactive)	N/A	N/A
Stock-Level	N/A	N/A

Keying/Think Times (in seconds)

Min.

Average

Max.

New-Order	18.00/0.00	18.01/12.38	18.54/124.71
Payment	3.00/0.00	3.01/12.37	3.47/124.70
Order-Status	2.00/0.00	2.01/10.35	2.21/103.89
Delivery (interactive)	2.00/0.00	2.01/5.24	2.41/51.90
Stock-Level	2.00/0.00	2.01/5.23	2.36/49.10

Test Duration

Ramp-up time	132 minutes
Measurement interval	30 minutes
Transactions (all types) completed during measurement interval	458,365
Ramp down time	39 minutes

Checkpointing

Number of checkpoints	1
Checkpoint interval	30 minutes