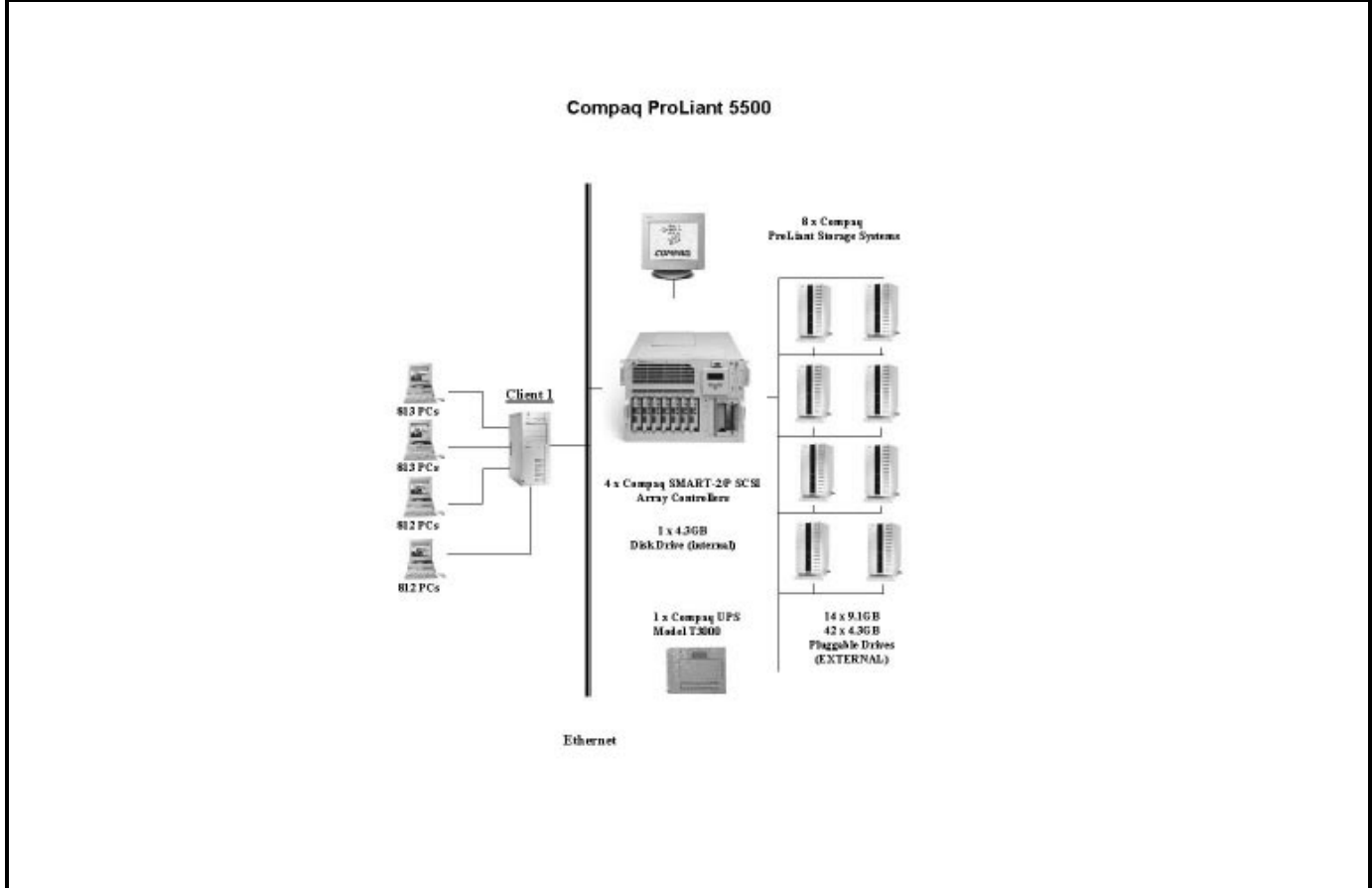


Compaq Computer Corporation		ProLiant 5500 C/S with 1 ProLiant 1600		TPC-C Rev. 3.3 Report Date: Nov 7, 1997					
Total System Cost		TPC-C Throughput		Price/Performance		Availability Date			
\$205,861		3897.63		\$52.81		Dec 31, 1997			
Processors		Database Manager		Operating System		Other Software		Number of Users	
1 Pentium®Pro 200 MHz		Microsoft SQL Server 6.5 Enterprise Ed.		Windows NT 4.0 SP3		Tuxedo 6.3 CFS Microsoft Visual C++ MKS Toolkit for NT Microsoft SQL Toolkit		3,250	



	Server		Client	
System Components	Quantity	Description	Quantity	Description
Processor	1	200MHz Pentium®Pro w/ 512K Level 2 Cache	2	266MHzPentium®II w/ 512K cache
Memory	1	2048MB	1	192MB
Disk Controllers	4	SMART-2/P SCSI Array Controller	1	Integrated Ultra SCSI Controller
Disk Drives	42	4.3GB SCSI-2 Drive	1	4.3GB SCSI-2 Drive
	14	9.1GB SCSI-2 Drive		
	01	4.3GB SCSI-2 Drive		
Total Storage		271GB		
Tape Drives	1	4/16 TurboDAT		

Compaq Computer Corporation		ProLiant 5500 - 1P			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							
Dual-Port 10/100 Ethernet Controller							
2 x Integrated Fast-SCSI-2 Controller							
CD-ROM, SmartStart							
ProLiant 5500 Warranty Upgrade	276535-000			1,075	1		1,075
Onsite 5x8 4 Hr Response Maintenance							6,048
1 GB DIMM Kit	241774-B21			11,867	2	23,734	
SMART-2/P SCSI Array Controller	194753-001			2,132	4	8,528	
Enhanced ProLiant Storage System	189600-001			886	8	7,088	
ProLiant Storage Warranty Upgrade	276537-001			430	8		3,440
4.3 GB Pluggable SCSI-2 Drive	146577-001			983	48	47,184	See Note 4
9.1 GB Pluggable SCSI-2 Drive	199882-001			1,561	16	24,976	See Note 4
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						122,562	10,563
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 Server v. 4.0		Microso	1	809	1	809	Incl Above
Subtotal						30,806	10,475
Client Hardware							
ProLiant 1600 6/266 - 64MB,100TX Nic, 4.	292930-001			3,655	1	3,655	
ProLiant Warranty Upgrade	276535-000			1,075	1	0	1,075
Onsite 5x8 4 Hr Response Maintenance							762
Pentium II 6/266 Processor Exp. Kit	149027-B21			1,048	1	1,048	
64-Megabyte EDO DIMM Kit	225483-001			550	2	1,101	
Netelligent 10/100 UTP PCI NIC	169845-001			77	3	232	
Compaq VGA V50 Color Monitor	264150-001			311	1	311	
Subtotal						6,347	1,837
Client Software							
Microsoft Windows NT Server v. 4.0		Microso	1	809	1	809	Incl. Above
Microsoft SQL Toolkit		Microso	1	499	1	499	Incl. Above
Tuxedo - NT		BEA	2	3,000	1	3,000	2,250
Subtotal						4,308	2,250
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	35.50	454	16,117	See Note 4
Subtotal						16,714	0
Total						\$180,736	\$25,125
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:		\$205,861	
				tpmC Rating:		3897.63	
				\$ / tpmC:		\$52.81	
(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

3897.63 tpmC

% throughput difference, reported & reproducibility runs

1.0%

Response Times (in seconds)

Average

90%

Maximum

New-Order	1.10	1.93	209.07
Payment	1.00	2.24	160.24
Order-Status	0.79	1.31	6.76
Delivery (interactive portion)	0.56	0.83	4.00
Delivery (deferred portion)	1.41	3.47	11.34
Stock-Level	0.79	1.44	3.44
Menu	0.12	0.14	6.12

Transaction Mix, in percent of total transaction

New-Order	44.66%
Payment	43.18%
Order-Status	4.06%
Delivery	4.04%
Stock-Level	4.06%

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	18.01/12.29	18.36/123.50
Payment	3.00/0.00	3.01/12.27	3.40/123.50
Order-Status	2.00/0.00	2.01/10.11	2.13/95.50
Delivery (interactive)	2.00/0.00	2.01/5.07	2.11/51.40
Stock-Level	2.00/0.00	2.01/5.19	2.08/51.40

Test Duration

Ramp-up time	145 minutes
Measurement interval	30 minutes
Transactions (all types) completed during measurement interval	260,393
Ramp down time	33 minutes

Checkpointing

Number of checkpoints	1
Checkpoint interval	30 minutes