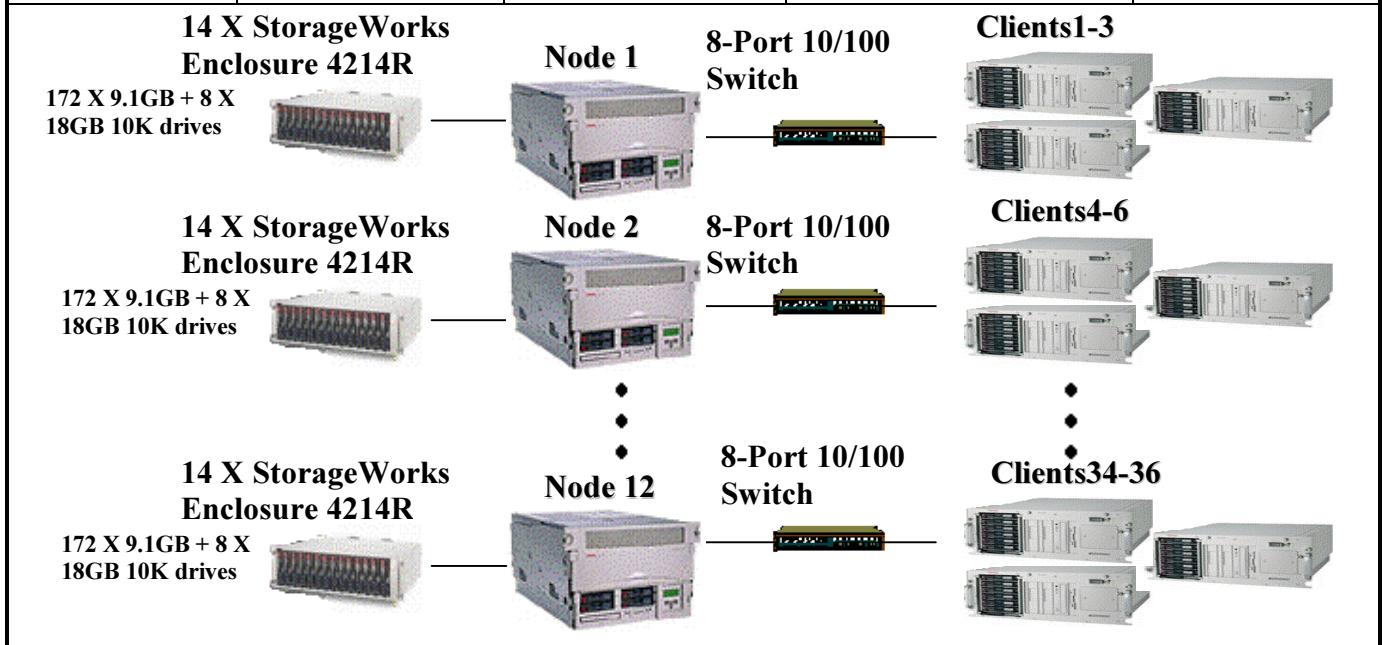


Compaq Computer Corporation		ProLiant 8500-550-96P Client/Server		TPC-C Rev. 3.5	
				Report Date: Feb 17,2000	
Total System Cost		TPC-C Throughput		Price/Performance	
\$4,341,603		227079.15		\$19.12	
Processors		Database		Operating System	
96 Pentium III Xeon 550 MHz		Microsoft SQL Server 2000 Enterprise Edition		Windows 2000 Advanced Server	
				Microsoft Visual C++ MKS Toolkit for NT Microsoft COM+	
				Number Users	
				216000	



System Components	Server		Clients	
	Quantity	Description	Quantity	Description
Processor	96	550MHz Pentium III Xeon w/ 2MB Cache	34	Pentium III 600Mhz/512K
			12	Pentium III 550Mhz/512K
			26	Pentium III 733Mhz/512K
Memory	192	256MB	144	128MB
Disk Controllers	60	SMART SCSI Array Controller 4200	23	Integrated Ultra SCSI Controller
	12	Integrated SCSI RAID Controller	13	Integrated SCSI RAID Controller
Disk Drives	2064	9.1GB 10K Ultra2 Universal SCSI Drives	24	9.1GB 10K Ultra2 SCSI Drives
	96	18GB 10K Ultra2 Universal SCSI Drives		
Total Storage		18.70348 TeraBytes		327.6 GB
Tape Drives	1	4/16 TurboDAT		

Compaq Computer Corporation	ProLiant 8500-550-96P		TPC-C Rev. 3.5				
	Client/Server		Report Date:		17-Feb-00		
Description	Part Number	Third Party Brand	Unit Price	Qty	Extended Price	5 yr. Maint. Price	
Server Hardware							
ProLiant 8500-550-8	323400-001		78,400	12	940,800		
- 8 Pentium III Xeon/550MHz 2MB Cache							
- 4 GB SD RAM Memory							
- CD-ROM 24X - 10/100 Ethernet Controller							
NC3122 PCI Dual 10/100 Controller	317450-B21	1	263	24	6,317		
Compaq SMART Array Controller 4200	295636-B21	1	2,218	60	133,056		
StorageWorks Enclosure Model 4214R	103381-001	1	2,576	168	432,768		
Compaq V500 Color Monitor	325900-001	1	203	12	2,433		
4/8GB DAT Drive	295353-B21	1	703	1	703		
Compaq Rack Model 7142	165753-001	1	1,680	15	25,200		
Compaq Rack Coupling Kit	165664-001	1	152	14	2,132		
Compaq Rack Sidewall Kit	165652-001	1	208	1	208		
ServerNet II PCI Adapter	422869-001	1	890	12	10,685		
ServerNet II 12 Port Switch	452219-001	1	4,984	1	4,984		
LinkSys 16 Port 10/100 Switch DSSX16	DEH4324	Linksys 3	500	3	1,500	See Note 1	
9.1 GB Hot-Plug Wide U2 10K 1"	328939-B22	1	503	2064	1,037,944		
18.2 GB Hot-Plug Wide U2 10K 1"	128418-B22	1	940	96	90,209		
ProLiant Enterprise Server - Parts Exchange - 1 Year	FM-HEPRT-12	1	597	24		14,328	
ProLiant Storage System - Parts Exchange - 1 Year	FM-STPRT-12	1	255	336		85,680	
Onsite 5x8 4 Hr Service Upgrade from Compaq Standard Service	Allstar	1				215,115	
					Subtotal	2,688,940	315,123
Server Software							
Microsoft SQL Server 2000 Enterprise		Microsoft 2	28,999	12	347,988	125,700	
Microsoft Visual C++ 6.0		Microsoft 2	549	1	549	Incl Above	
Microsoft Windows 2000 Advance Server		Microsoft 2	3,999	12	47,988	Incl Above	
					Subtotal	396,525	125,700
Client Hardware							
ProLiant 1600 6/600 - 128MB,100TX Nic	153552-001	1	2,688	17	45,696		
Pentium III 600 MHz Processor Option	153555-B21	1	1,007	17	17,117		
ProLiant 1850R 6/550 128MB,100TX Nic	123740-001	1	4,032	6	24,192		
ProLiant DL380 733/133 128MB, TX NIC	157829-001	1	4,816	13	62,608		
128-Megabyte SD DIMM Kit	313615-B21	1	409	69	28,207		
128 MB 133 DIMM	128277-B21	1	409	39	15,943		
Pentium III 550 512KB Processor	153555-B21	1	671	6	4,025		
Pentium III 733/133 Processor	159756-B21	1	1,343	13	17,457		
NC3122 PCI Dual 10/100 Controller	317450-B21	1	263	48	12,634		
Compaq V500 Color Monitor	325900-001	1	203	36	7,298		
9.1GB Wide U2 10K	328939-B22	1	503	36	18,104		
ProLiant Workgroup Server - Parts Exchange - 1 Year	FM-LOPRT-12	1	259	72		18,648	
Onsite 5x8 4 Hr Service Upgrade from Compaq Standard Service	Allstar	1				20,263	
					Subtotal	253,281	38,911
Client Software							
Microsoft Windows 2000 Server		Microsoft 2	809	36	29,124	Incl. Above	
					Subtotal	29,124	0
User Connectivity							
LinkSys 8 Port 10/100 Switch EZX#88R	DEH4162	LinkSys 3	160	40	6,400	See Note 1	
8-port 10BaseT hub		Generic 1	29.00	29740	862,460	See Note 1	
					Subtotal	868,860	0
Large Purchase and Cash discount	9.0%	1			(\$342,997)	(\$31,863)	
					Total	\$3,893,733	\$447,871
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: \$4,341,603		
					tpmC Rating: 227079.15		
					\$ / tpmC: \$19.12		
Pricing: 1=Allstar Systems 2=Microsoft 3=MicroWAREHOUSE							
Note 1 = 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 **227079.15 tpmC**

% throughput difference, reported & reproducibility runs 0.08%

Response Times (in seconds)	Average	90%	Maximum
New-Order	0.51	0.94	9.47
Payment	0.32	0.67	9.44
Order-Status	0.32	0.65	8.83
Delivery (interactive portion)	0.10	0.11	0.81
Delivery (deferred portion)	0.71	1.15	6.91
Stock-Level	1.97	2.50	9.44
Menu	0.10	0.11	1.05

Transaction Mix, in percent of total transaction

New-Order	44.72%
Payment	43.14%
Order-Status	4.04%
Delivery	4.05%
Stock-Level	4.05%

Emulation Delay (in seconds)	Resp.Time	Menu
New-Order	0.10	0.10
Payment	0.10	0.10
Order-Status	0.10	0.10
Delivery (interactive)	0.10	0.10
Stock-Level	0.10	0.10

Keying/Think Times (in seconds)	Min.	Average	Max.
New-Order	18.00/0.00	18.02/16.00	18.07/160.01
Payment	3.00/0.00	3.02/15.99	3.07/160.01
Order-Status	2.00/0.00	2.02/13.96	2.05/140.00
Delivery (interactive)	2.00/0.00	2.02/9.01	2.07/90.01
Stock-Level	2.00/0.00	2.02/9.01	2.05/90.01

Test Duration

Ramp-up time	84 minutes
Measurement interval	20 minutes
Transactions (all types) completed during measurement interval	10,154,547
Ramp down time	16 minutes

Checkpointing

Number of checkpoints	1
Checkpoint interval	20 minutes