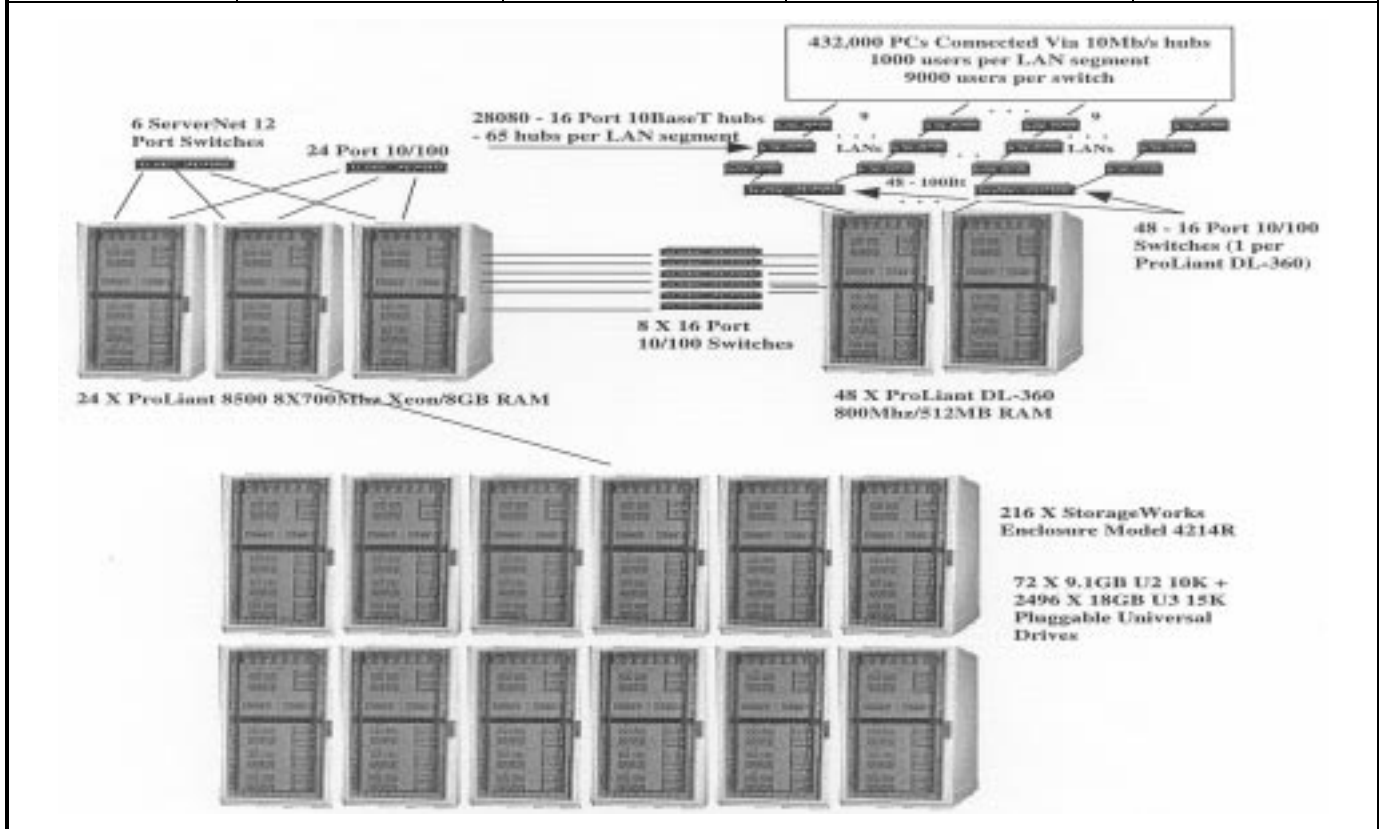


Compaq Computer Corporation		ProLiant 8500-700-192P Client/Server		TPC-C Rev. 3.5	
				Report Date: Dec 1,2000	
Total System Cost		TPC-C Throughput		Price/Performance	
\$10,003,826		505,302.77		\$19.80	
Processors		Database		Operating System	
192 Pentium III Xeon 700 MHz		Microsoft SQL Server 2000 Ent Edition		Windows 2000 Advanced Server	
				Other Software	
				Microsoft Visual C++ Microsoft COM+	
				Number Users	
				432,000	



System Components	Server		Clients	
	Quantity	Description	Quantity	Description
Processor	192	700MHz Pentium III Xeon w/ 2MB Cache	96	Pentium III 800MHz/256K
Memory	384	512MB	192	128MB
Disk Controllers	120	Compaq SMART Array 5304 Controller	48	Integrated SCSI RAID Controller
	24	Integrated SCSI RAID Controller		
Disk Drives	72	9 GB 10K U2 SCSI Drives	48	9.1GB 10K Ultra2 SCSI Drives
	2496	18GB 15K U3 SCSI Drives		
Total Storage		42.37 TeraBytes		436.8 GB
Tape Drives	1	4/8 GB SLR Tape Drive		

Corporation	ProLiant 8500-700-192P			TPC-C Rev. 3.5		
	Client/Server			Report Date:	1-Dec-00	
Description	Part Number	Third Party	Unit Price	Qty	Extended Price	5 yr. Maint. Price
Server Hardware						
ProLiant 8500R X700-2M 8P - 4 GB SD RAM - 8 Pentium III Xeon/700MHz 2MB Cache - Dual 10/100 NIC - Intg. Smart Array Controller	168758-001		62,720	24	1,505,280	
1GB-Memory Kit SDRAM	328808-B21		3,808	96	365,568	
Compaq SMART Array Controller 5304 - 4 SCSI Chan.	158939-B21		2,463	120	295,546	
StorageWorks Enclosure Model 4214R	103381-001		2,912	216	628,992	
Dual I/O Module for StorageWorks 4214R	119829-B21		560	24	13,440	
Compaq V500 Color Monitor	325900-001		172	24	4,140	
4/8-GB SLR Tape Drive - Internal	295480-B22		448	1	448	
Compaq Rack Model 7142	165753-001		1,680	24	40,320	
Compaq Rack Coupling Kit	165664-001		152	23	3,503	
Compaq Rack Sidewall Kit	165652-001		208	1	208	
R3000 UPS	242705-001		1,410	24	33,842	
ServerNet II PCI Adapter	422869-001		890	24	21,370	
LinkSys 16 Port 10/100 Switch EF2S16	DEH5117	LinkSys	330	8	2,640	See Note 1
ServerNet II 12 Port Switch	452219-001		4,984	6	29,904	
LinkSys 24 Port 10/100 Switch DSSX24	DEH4067	Linksys	580	3	1,740	See Note 1
9.1 GB Hot-Plug Wide U2 10K 1"	328939-B22		469	72	33,788	
18.2 GB Hot-Plug Wide U3 15K 1"	188122-B22		939	2496	2,342,646	
ProLiant Enterprise Server - Parts Exchange - 1 Year	PES-PE-1Y-SU		597	48		28,656
ProLiant Storage System - Parts Exchange - 1 Year	PSS-PE-1YEAR		255	48		12,240
Onsite 5x8 4 Hr Service Upgrade from Compaq Std Svc	OS-8X5X4-SU	Amhurst				425,870
Subtotal					5,323,374	466,766
Server Software						
Microsoft SQL Server 2000 Enterprise	810-00945	Microsoft	15,802	192	3,033,984	251,400
Microsoft Visual C++ 6.0	048-00317	Microsoft	549	1	549	Incl Above
Microsoft Windows 2000 Advance Server	C10-00475	Microsoft	2,399	24	57,576	Incl Above
Subtotal					3,092,109	251,400
Client Hardware						
ProLiant DL360R P800/133 128MB M1	161080-001		4,144	48	198,912	
PIII 800/133-256 Processor kit	161084-B21		672	48	32,256	
128 MB 133 DIMM	128277-B21		311	144	44,836	
Compaq Rack Model 7142	165753-001		1,680	2	3,360	
Compaq Rack Coupling Kit	165664-001		152	2	305	
Compaq V500 Color Monitor	325900-001		172	48	8,279	
9.1GB Wide U2 10K	328939-B22		469	48	22,525	
ProLiant Workgroup Server - Parts Exchange - 1 Year	FM-LOPRT-12		259	96		24,864
Onsite 5x8 4 Hr Service Upgrade from Compaq Std Svc	OS-8X5X4-SU	Amhurst				24,838
Subtotal					310,473	49,702
Client Software						
Microsoft Windows 2000 Server	C11-00821	Microsoft	738	48	35,424	Incl. Above
Subtotal					35,424	0
User Connectivity						
LinkSys 16 Port 10/100 Switch EF2S16	DEH5117	LinkSys	330	54	17,819	See Note 1
NetCruiser Tech 17-port 10Mbps Ethernet hub	HB-1017DX/P	NetCruiser	36.00	30888	1,111,968	See Note 1
Subtotal					1,129,787	0
Large Purchase and Cash discount	9.0%	Amhurst			(\$608,727)	(\$46,482)
Total					\$9,282,440	\$721,386
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: \$10,003,826 tpmC Rating: 505,302.77 \$ / tpmC: \$19.80		
Pricing: 1=Amherst Computer Products 2=Microsoft 3=MicroWAREHOUSE 4=NetCruiser Technologies						
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 **505,302.77 tpmC**

% throughput difference, reported & reproducibility runs 0.6%

Response Times (in seconds)	Average	90%	Maximum
New-Order	0.76	1.34	15.91
Payment	0.65	1.22	13.41
Order-Status	0.64	1.21	12.62
Delivery (interactive portion)	0.11	0.12	6.74
Delivery (deferred portion)	0.37	0.49	2.95
Stock-Level	1.55	2.27	12.88
Menu	0.11	0.12	6.79

Transaction Mix, in percent of total transaction

New-Order	44.83%
Payment	43.05%
Order-Status	4.03%
Delivery	4.04%
Stock-Level	4.04%

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	18.02/13.25	18.21/132.55
Payment	3.00/0.00	3.02/13.25	3.21/132.61
Order-Status	2.00/0.00	2.02/11.05	2.20/110.53
Delivery (interactive)	2.00/0.00	2.02/5.56	2.19/55.53
Stock-Level	2.00/0.00	2.02/5.56	2.19/55.52

Test Duration

Ramp-up time	48 minutes
Measurement interval	30 minutes
Transactions (all types) completed during measurement interval	33,811,291
Ramp down time	40 minutes

Checkpointing

Number of checkpoints	1
Checkpoint interval	30 minutes