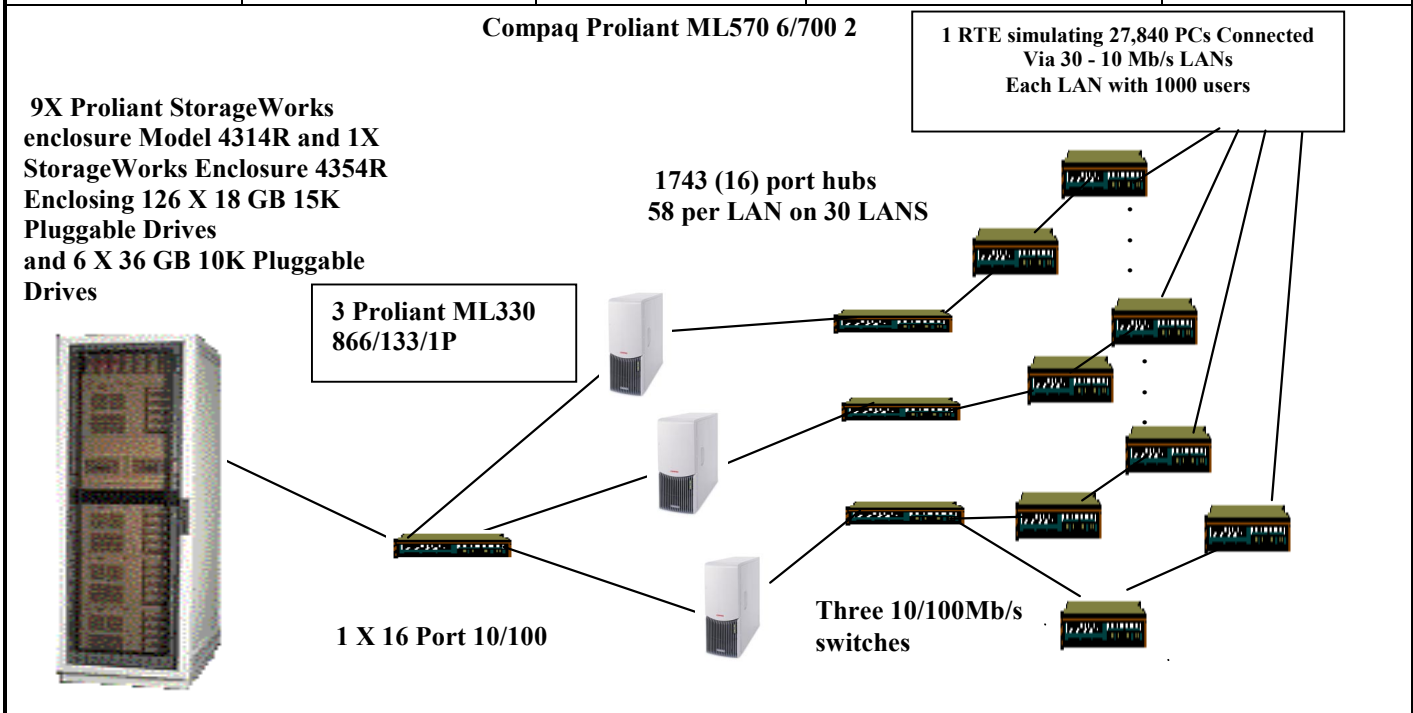


Compaq Computer Corporation	Proliant ML570 6/700 2	TPC-C Rev. 3.5
	C/S with 3 ProLiant ML330	Report Date: April 19, 2001

Total System Cost	TPC-C Throughput	Price/Performance	Availability Date
\$375,016	34324.53	\$10.93	April 19, 2001

Processors	Database Manager	Operating System	Other Software	Number of Users
4 Pentium III Xeon 700 MHz	Microsoft SQL Server 2000 Enterprise Edition	Windows 2000 Advanced Server	Microsoft Visual C++ Microsoft COM+	27840



System Components	Server		Each Client	
	Quantity	Description	Quantity	Description
Processor	4	700MHz PentiumIII Xeon w/ 2MB Cache	3	866MhzPentium III w/ 256K cache
Memory	16	512MB	6	128MB
			3	64MB
Disk Controllers	5	SMART 5304 Array Controller	1	Integrated Ultra SCSI Controller
Disk Drives	1	9.1GB SCSI Drive	1	9.1GB SCSI Drive
	126	18.2GB SCSI Drive		
	6	36.4GB SCSI Drive		
Total Storage		2.2927Terabytes		9.1GB
Tape Drives	1	4/8 GB SLR Internal		

Compaq Computer Corporation	ProLiant ML570T X700 2MB		TPC-C Rev. 3.5			
	Client/Server		Report Date:		19-Apr-01	
Description	Part Number	Third Party	Unit Price	Qty	Extended Price	5 yr. Maint. Price
Server Hardware						
Brand Pricing						
ProLiant ML570T X700 2MB 512	155607-001		13,069	1	13,069	
2 Pentium III Xeon/700MHz 2MB Cache						
Compaq NC3123 Fast Ethernet NIC PCI 10/100 WOL						
512MB SDRAM Memory						
- CD-ROM 24X						
Pentium III Xeon/700MHz 2M S2 Processor kit	174449-B21		4,262	2	8,524	
Integrated Smart Array Controller	128293-B21		454	1	454	
2GB SDRAM (4x512) memory kit	189082-B21		5,796	4	23,184	
Deskpro Easy Access Keyboard	122660-006		44	1	44	
Compaq Scroll Mouse	170299-B21		23	1	23	
StorageWorks Enclosure Model 4314R	190209-001		2,955	9	26,595	
StorageWorks Enclosure Model 4354R	190211-001		3,523	1	3,523	
Compaq SMART Array Controller 5304 - 4 SCSI Chan.	158939-B21		2,449	5	12,245	
Compaq Rack Model 9142 (42U - Opal) - Shock Pallet	120663-B22		1,465	1	1,465	
Side Panel Kit - 9142 Rack	120670-B21		212	1	212	
R3000 UPS	242705-001		1,431	1	1,431	
V710 Color Monitor	187895-001		319	1	319	
4/8-GB SLR Tape Drive - Internal	295480-B22		455	1	455	
9.1-GB Pluggable Ultra3 SCSI 10K 1" Universal HDD	142671-B22		431	1	431	
18.2 GB Hot-Plug Wide U3 15K 1"	188122-B22		953	126	120,078	
36.4-GB Pluggable 1" Universal WideUltra3 10K HDD	176496-B22		1,388	6	8,328	
ProLiant Enterprise Server - Parts Exchange - 1 Year	PES-PE-1Y-SU		597	2		1,194
ProLiant Storage System - Parts Exchange - 1 Year	PSS-PE-1YEAR		255	20		5,100
Onsite 5x8 4 Hr Service Upgrade from Compaq Standard Service	OS-8X5X4-SU	Amherst		1		17,630
Subtotal					220,380	23,924
Server Software						
Microsoft SQL Server 2000 Enterprise Edition (per processor)	810-00846	Microsoft	16,541	4	66,164	10,475
Microsoft Visual C++ 6.0	048-00317	Microsoft	549	1	549	Incl Above
Microsoft Windows 2000 Advanced Server	C10-00475	Microsoft	2,399	1	2,399	Incl Above
Subtotal					69,112	10,475
Client Hardware						
ProLiant ML330T P866-133 - SBS	175951-001		1,250	3	3,750	
64 MB RAM, Keyboard, Compaq Scroll Mouse						
Compaq 10/100 T/X Embedded PCI Intel UTP NIC						
NC3123 Fast Ethernet NIC PCI 10/100 Wake on LAN	174830-B21		98	3	294	
128 Reg 133MHz SDRAM DIMM	128277-B21		245	6	1,470	
64 Reg 133MHz SDRAM DIMM	128276-B21		122	3	366	
V710 Color Monitor	187895-001		319	3	957	
9.1-GB NonPlug Ultra3 SCSI 10K 1" HDD	142672-B21		511	3	1,533	
ProLiant Workgroup Server - Parts Exchange - 1 Year	FM-LOPRT-12		259	6		1,554
Onsite 5x8 4 Hr Service Upgrade from Compaq Standard Service	OS-8X5X4-SU	Amherst		1		670
Subtotal					8,370	2,224
Client Software						
Microsoft Windows 2000 Server	C11-00821	Microsoft	738	3	2,214	Incl. Above
Subtotal					2,214	0
User Connectivity						
ARK 17 port 10 Mbps rj45+ 1 BNC	CT1017D1	ARK tech	31	1918	59,458	See Note 1
10/100 Dual Speed 16PT RM Switch	EP2S16	Linksys	300	6	1,800	See Note 1
Subtotal					61,258	0
Large Purchase and Cash discount	9.0%				(\$20,588)	(\$2,353)
Total					\$340,747	\$34,270
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: \$375,016	
					tpmC Rating: 34324.53	
					\$ / tpmC: \$10.93	
Pricing: 1=Amherst Computer Products 2=Microsoft 3=ARK Tech 4=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

34324.53 tpmC

% throughput difference, reported & reproducibility runs

1%

Response Times (in seconds)

	Average	90%	Maximum
New-Order	0.60	0.97	16.10
Payment	0.51	0.88	14.32
Order-Status	0.53	0.90	12.09
Delivery (interactive portion)	0.11	0.11	1.32
Delivery (deferred portion)	0.21	0.36	2.69
Stock-Level	1.54	2.13	13.22
Menu	0.11	0.12	1.33

Transaction Mix, in percent of total transaction

New-Order	44.87%
Payment	43.05%
Order-Status	4.02%
Delivery	4.03%
Stock-Level	4.02%

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	18.01/12.17	18.04/121.71
Payment	3.00/0.00	3.02/12.16	3.04/121.71
Order-Status	2.00/0.00	2.01/10.21	2.03/101.50
Delivery (interactive)	2.00/0.00	2.01/5.09	2.03/51.00
Stock-Level	2.00/0.00	2.01/5.13	2.03/50.99

Test Duration

Ramp-up time	17 minutes
Measurement interval	30 minutes
Transactions (all types) completed during measurement interval	2387598
Ramp down time	5 minutes

Checkpointing

Number of checkpoints	1
Checkpoint interval	30 minutes