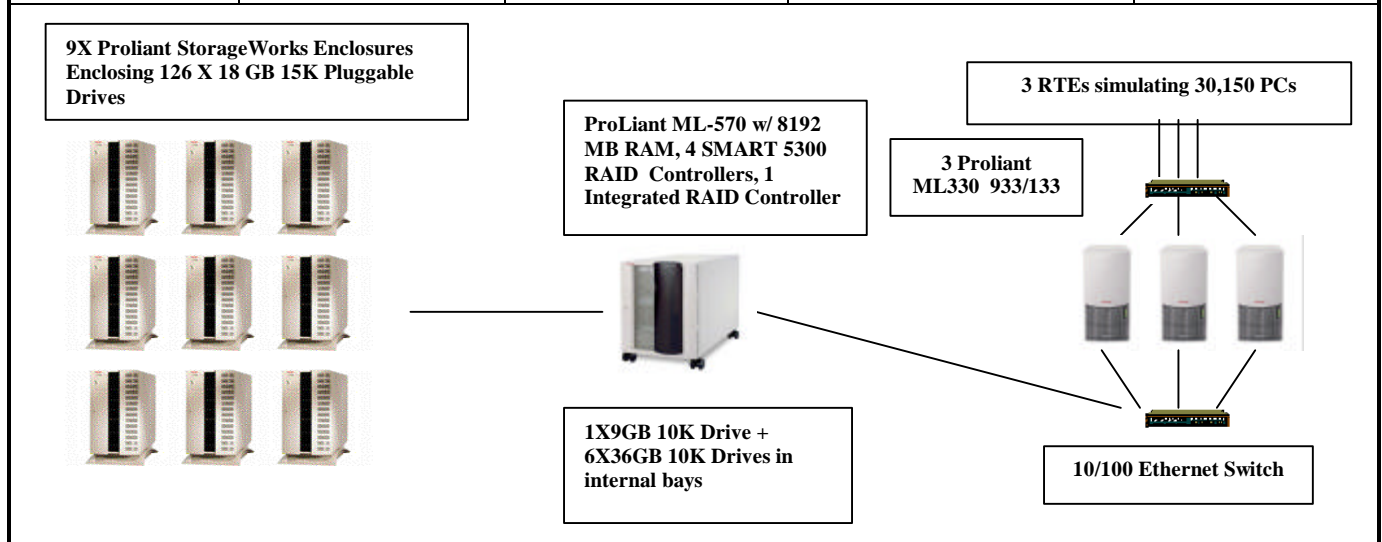


Compaq Computer Corporation	ProLiant ML570 6/900-4P	TPC-C Rev. 5.0
	C/S with 3 ProLiant ML330	Report Date: Nov.12, 2001

Total System Cost	TPC-C Throughput	Price/Performance	Availability Date
\$216,778	37100.52	\$5.85	Nov. 12, 2001

Processors	Database Manager	Operating System	Other Software	Number of Users
4 Pentium III Xeon 900 MHz – Server 3 Pentium III 933MHz – Client	Microsoft SQL Server 2000 Enterprise Edition (SP1)	Windows 2000 Advanced Server (SP2)	Microsoft Visual C++ Microsoft COM+	30150



	Server		Each Client	
System Components	Quantity	Description	Quantity	Description
Processor	4	900Mhz Pentium III Xeon w/ 2MB Cache	1	933Mhz Pentium III w/ 256K cache
Memory	16	512MB	3	128MB
Disk Controllers	3	SMART 5302 Array Controller	1	Integrated Ultra SCSI Controller
	1	SMART 5304 Array Controller		
	1	Integrated RAID Controller		
Disk Drives	1	9.1GB SCSI Drive	1	9.1GB SCSI Drive
	126	18GB SCSI Drives		
	6	36GB SCSI Drives		
Total Storage		2341.39 GB		9.1GB
Tape Drives	1	12/24 GB DAT		

Compaq Computer Corporation		ProLiant ML570-900		TPC-C Rev. 5.0			
		Client/Server		Report Date:		12-Nov-01	
Description	Part Number	Third Party Brand	Unit Price	Qty	Extended Price	3 yr. Maint. Price	
Server Hardware							
Compaq ProLiant ML570 6/900	155607-003	1	17,159	1	17,159		
2 Pentium III Xeon 900MHz/100-2MB Processor							
1GB registered 100Mhz SDRAM DIMM							
CD-ROM 24X Integrated RAID,Redundant Power Supply							
Pentium III Xeon 900/100-2MB Processor Option Kit	222627-B21	1	6,199	2	12,398		
2GB SDRAM (4x512) memory kit	189082-B21	1	2,419	4	9,676		
StorageWorks Enclosure Model 4314T	190209-001	1	2,955	9	26,595		
Compaq SMART Array Controller 5302/64	124992-B21	1	1,399	3	4,197		
Compaq SMART Array Controller 5304	158939-B21	1	2,099	1	2,099		
Embedded U3 Smart Array Controller	226593-B21	1	449	1	449		
V570 Color Monitor 2 Tone - 15 inch CRT - Opal	228113-001	1	169	1	169		
12/24-Gigabyte DAT Drive (Internal)	295513-B22	1	682	1	682		
UPS T2200 XR - Low	204451-001	1	877	1	877		
36.4-GB Pluggable Wide U3 10K 1"	176496-B22	1	562	6	3,372		
9.1-GB Pluggable Wide U3 10K 1"	142671-B22	1	319	1	319		
18.2 GB Hot-Plug Wide U3 15K 1"	188122-B22	1	539	126	67,914		
18.2 GB SCSI U3 15K 1" (10% spares for all external 18GB c	188122-B22	1	539	13		7,007	
CarePaq Service - Departmental Servers 3Yr,7x24,4hr Resp.	FM-MI724-36	1	1,795	1		1,795	
CarePaq Service - 42xx/43xx Enclosure 3Yr,7x24,4hr Resp.	FM-4E724-36	1	157	9		1,413	
					Subtotal	145,906	10,215
Server Software							
Microsoft SQL Server 2000 Enterprise Edition (per processor	810-00846	Microsoft	2	16,541	4	66,164	6,285
Microsoft Visual C++ 6.0	048-00317	Microsoft	2	549	1	549	Incl Above
Microsoft Windows 2000 Advanced Server	C10-00475	Microsoft	2	2,399	1	2,399	Incl Above
					Subtotal	69,112	6,285
Client Hardware							
ProLiant ML330T SBS Model P/933/133 NHP 128MB	160209-001	1	1,349	3	4,047		
NC3123 Fast Ethernet NIC PCI 10/100 Wake on LAN	174830-B21	1	98	6	588		
128 MB 133 DIMM	128277-B21	1	149	6	894		
V570 Color Monitor 2 Tone - 15 inch CRT - Opal	228113-001	1	169	3	507		
9.1 Gigabyte Wide Ultra2 SCSI Hard Drive	349526-B21	1	306	3	918		
CarePaq Service - Entry Workgroup Servers 3Yr,7x24,4hr	FM-EL724-36	1	750	3		2,250	
					Subtotal	6,954	2,250
Client Software							
Microsoft Windows 2000 Server	C11-00821	Microsoft	2	738	3	2,214	Incl. Above
					Subtotal	2,214	0
Connectivity							
Linksys EZXS88R 8-Port 10/100 Switch		3	98	3	294	See Note 1	
Large Purchase and Cash discount (See Note 2)	16.0%	1				(\$24,458)	(\$1,994)
					Total	\$200,022	\$16,756
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.				Three-Year Cost of Ownership:		\$216,778	
				tpmC Rating:		37100.52	
				\$/ tpmC:		\$5.85	
Pricing: 1=Compaq Direct 2= Microsoft 3=Comp-U-Plus Note 1 = 5 Year warranty with 10% Spares - Note 2 = Discount based on Compaq Direct guidance and large cash purchase level.							
Note:The benchmark results and test methodology were audited by Loma Livingtree of Performance Metrics, Inc.							

Numerical Quantities Summary

MQTH, Computed Maximum Qualified Throughput

37100.52 tpmC

Response Times (in seconds)	Average	90%	Maximum
New-Order	0.43	0.67	9.11
Payment	0.33	0.55	8.61
Order-Status	0.36	0.59	7.43
Delivery (interactive portion)	0.11	0.12	2.38
Delivery (deferred portion)	0.26	0.46	3.19
Stock-Level	1.63	2.21	9.32
Menu	0.11	0.12	2.43

Transaction Mix, in percent of total transaction

New-Order	44.90%
Payment	43.02%
Order-Status	4.03%
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	18.01/12.40	18.03/124.11
Payment	3.00/0.00	3.01/12.40	3.02/124.11
Order-Status	2.00/0.00	2.01/10.37	2.02/103.50
Delivery (interactive)	2.00/0.00	2.01/5.21	2.02/52.00
Stock-Level	2.00/0.00	2.01/5.21	2.02/52.00

Test Duration

Ramp-up time	72 minutes
Measurement interval	120 minutes
Transactions (all types) completed during measurement interval	10,316,275
Ramp down time	34 minutes

Checkpointing

Number of checkpoints	4
Checkpoint interval	30 minutes