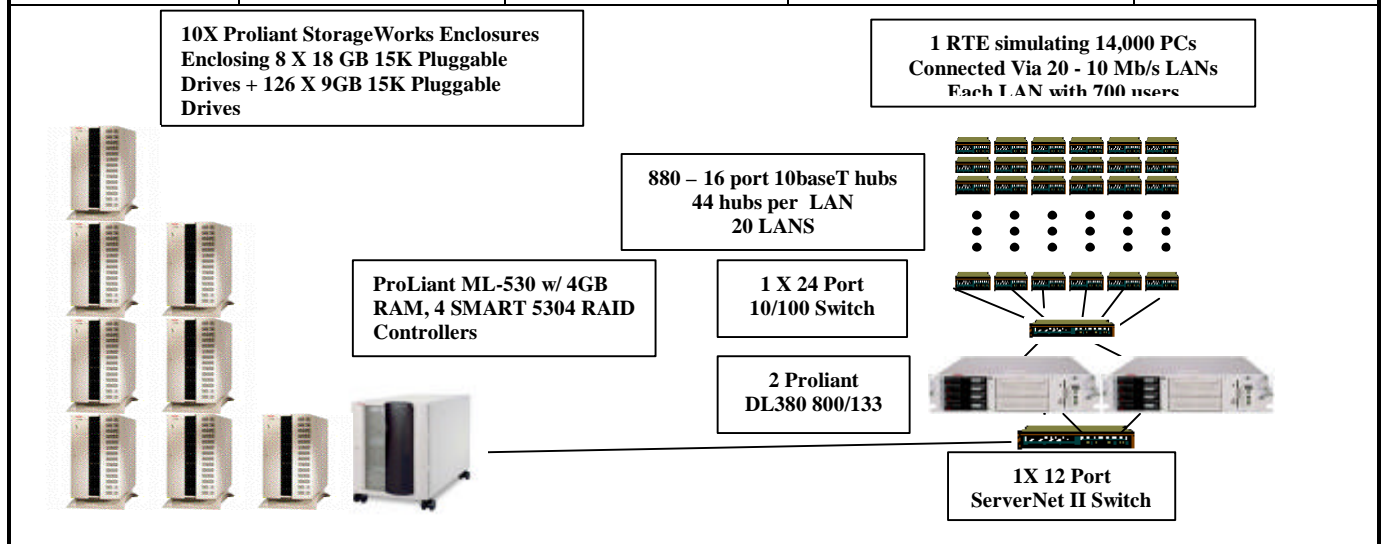


Compaq Computer Corporation	Proliant ML-530 1000/133	TPC-C Rev. 3.5
	C/S with 2 ProLiant DL380R	Report Date: Mar. 2, 2001

Total System Cost	TPC-C Throughput	Price/Performance	Availability Date
\$259,742	17629.77	\$14.73	March 2, 2001

Processors	Database Manager	Operating System	Other Software	Number of Users
2 Pentium III Xeon 1 GHz	Microsoft SQL Server 2000 Enterprise Edition	Windows 2000 Advanced Server	Microsoft Visual C++ Microsoft COM+	14000



	Server		Each Client	
System Components	Quantity	Description	Quantity	Description
Processor	2	1Ghz PentiumIII Xeon w/ 256K Cache	2	866MhzPentium III w/ 256K cache
Memory	8	512MB	4	128MB
Disk Controllers	4	SMART 5304 Array Controller	1	Integrated Ultra SCSI Controller
Disk Drives	127	9.1GB SCSI Drive	1	9.1GB SCSI Drive
	8	18GB SCSI Drive		
Total Storage		1.185967 Terabytes		9.1GB
Tape Drives	1	4/8 GB SLR Internal		

Compaq Computer Corporation	ML530 1000/133		TPC-C Rev. 3.5				
	Client/Server		Report Date:		2-Mar-01		
Description	Part Number	Third Party	Unif Price	Qty	Extended Price	5 yr. Maint. Price	
Server Hardware							
		Brand Pricing					
Compaq ProLiant ML530 X1000/133	161152-001	1	4,481	1	4,481		
1 Pentium III Xeon 1Ghz/133-256 Processor							
128MB registered 133Mhz SDRAM DIMM							
- CD-ROM 24X							
NC3123 Fast Ethernet NIC PCI							
Pentium III Xeon 1000/133-256 Processor Option Kit	128283-B21	1	1,848	1	1,848		
512MB registered 133Mhz SDRAM DIMM	128279-B21	1	1,188	8	9,507		
9.1 GB Pluggable Wide Ultra2 Universal 10K Drive	328939-B22	1	470	1	470		
Compaq SMART Array Controller 5304	158939-B21	1	2,464	4	9,856		
StorageWorks Enclosure Model 4214T	124875-001	1	3,137	9	28,234		
StorageWorks Enclosure Model 4354	190211-001	1	3,473	1	3,473		
Compaq S510 Color Monitor	168636-001	1	181	1	181		
4/8-GB SLR Tape Drive - Internal	295480-B22	1	449	1	449		
UPS Model T1000	242688-001	1	468	1	468		
9.1-GB Pluggable Ultra3 SCSI 15K 1" Universal HDD	188120-B22	1	592	126	74,652		
18.2-GB Pluggable Ultra3 SCSI 15K 1" Universal HDD	188122-B22	1	940	8	7,517		
ServerNet II PCI Adapter	174736-B21	1	982	1	982		
ServerNet II 12 Port Switch	174739-001	1	4,928	3	14,784		
ProLiant Enterprise Server - Parts Exchange - 1 Year	FM-HEPRT-12	1	597	2		1,194	
ProLiant Storage System - Parts Exchange - 1 Year	FM-STPRT-12	1	255	20		5,100	
Onsite 5x8 4 Hr Service Upgrade from Compaq Standard Service	Amherst	1				12,552	
Subtotal					156,904	18,846	
Server Software							
Microsoft SQL Server 2000 Enterprise		Microsoft	2	17,279	2	34,558	10,475
Microsoft Visual C++ 6.0		Microsoft	2	549	1	549	Incl Above
Microsoft Windows 2000 Advanced Server		Microsoft	2	2,399	1	2,399	Incl Above
Subtotal					37,506	10,475	
Client Hardware							
Compaq ProLiant DL380R P866/133-128MB	161062-001	1	3,361	2	6,722		
Pentium III 866MHz 256K processor kit	161085-B21	1	561	2	1,122		
512MB Registered 133MHz SDRAM DIMM	128279-B21	1	1,188	2	2,377		
ServerNet II PCI Adapter	174736-B21	1	982	2	1,964		
Compaq S510 Color Monitor	168636-001	1	181	2	363		
9.1 GB Pluggable Wide Ultra2 Universal 10K Drive	328939-B22	1	470	2	941		
Deskpro Easy Access Keyboard	122660-006	1	45	2	90		
Compaq Scroll Mouse	170299-B21	1	24	2	47		
ProLiant Workgroup Server - Parts Exchange - 1 Year	FM-LOPRT-12	1	259	4		1,036	
Onsite 5x8 4 Hr Service Upgrade from Compaq Standard Service	Amherst	1				1,090	
Subtotal					13,626	2,126	
Client Software							
Microsoft Windows 2000 Server		Microsoft	2	738	2	1,476	Incl. Above
Subtotal					1,476	0	
User Connectivity							
Linksys EtherFast II 24-port Switch	EF2S24	Linksys	3	390	3	1,170	See Note 1
NetCruiser Tech 17-port 10Mbps Ethernet hub		Netcruiser	4	36.00	968	34,848	See Note 1
Subtotal					36,018	0	
Large Purchase and Cash discount	9.0%	1					
					(\$15,348)	(\$1,888)	
Total					\$230,182	\$29,560	
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: \$259,742				
Pricing: 1=Amherst Systems 2= Microsoft 3= Microwarehouse 4= NetCruiser			tpmC Rating: 17629.77				
Note 1 = 5 Year warranty with 10% Spares -			\$ / tpmC: \$14.73				
Note: The benchmark results and test methodology were audited by Tom Sawyer of Performance Metrics, Inc.							

Numerical Quantities Summary

MQTH, Computed Maximum Qualified Throughput

17629.77 tpmC

% throughput difference, reported & reproducibility runs

0.351%

Response Times (in seconds)

	Average	90%	Maximum
New-Order	0.30	0.46	3.40
Payment	0.21	0.31	1.70
Order-Status	0.23	0.33	3.39
Delivery (interactive portion)	0.10	0.11	0.12
Delivery (deferred portion)	0.24	0.39	1.36
Stock-Level	1.08	1.61	6.22
Menu	0.10	0.11	1.11

Transaction Mix, in percent of total transaction

New-Order	44.88%
Payment	43.03%
Order-Status	4.03%
Delivery	4.03%
Stock-Level	4.03%

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	18.02/12.02	18.03/120.21
Payment	3.00/0.00	3.02/12.00	3.03/120.20
Order-Status	2.00/0.00	2.02/10.16	2.03/100.31
Delivery (interactive)	2.00/0.00	2.02/5.01	2.03/50.20
Stock-Level	2.00/0.00	2.02/5.06	2.03/50.20

Test Duration

Ramp-up time	43 minutes
Measurement interval	30 minutes
Transactions (all types) completed during measurement interval	1,178,429
Ramp down time	23 minutes

Checkpointing

Number of checkpoints	1
Checkpoint interval	30 minutes