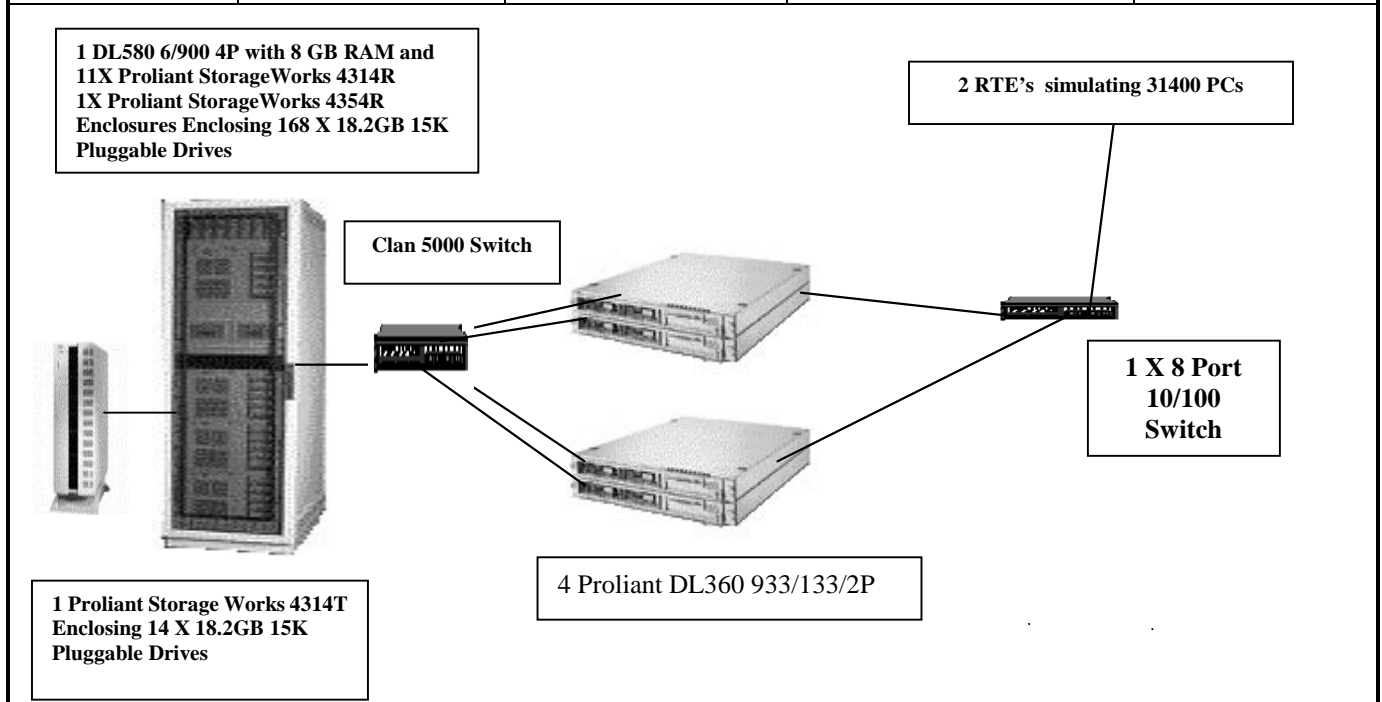


Compaq Computer Corporation		Proliant DL580 6/900 C/S with 4 ProLiant DL360		TPC-C Rev. 5.0 Report Date: Sept 27, 2001					
Total System Cost		TPC-C Throughput		Price/Performance		Availability Date			
\$310,945		39158.09		\$7.95		Oct 15, 2001			
Processors		Database Manager		Operating System		Other Software		Number of Users	
4 Pentium III Xeon 900 Mhz – Server 8 Pentium III 933MHz – Client		Microsoft SQL Server 2000 Enterprise Edition		Windows 2000 Advanced Server		Microsoft Visual C++ Microsoft COM+		31400	



System Components	Server		Each Client	
	Quantity	Description	Quantity	Description
Processor	4	900 Mhz Pentium III Xeon w/ 2M Cache	2	933MhzPentium III w/ 256K cache
Memory	16	512MB	4	128MB
Disk Controllers	5	SMART 5304 Array Controller	1	Integrated Ultra SCSI Controller
Disk Drives	182	18GB SCSI Drive	1	9.1GB SCSI Drive
	1	9.1 GB SCSI drive		
Total Storage		3084.27 GB		9.1GB
Tape Drives	1	12/24 GB DAT		

Compaq Computer Corporation	ProLiant DL580-900			TPC-C Rev. 5.0			
	Client/Server			Report Date:	27-Sep-01		
Description	Part Number	Third Party	Unit Price	Qty	Extended Price	3 yr. Maint. Price	
Server Hardware							
Brand Pricing							
Compaq ProLiant DL580 6/900	155618-003	1	16,129	1	16,129		
2 Pentium III Xeon 900MHz/100-2MB Processor							
1GBB 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	2,849	4	11,396		
StorageWorks Enclosure Model 4314R	190209-001	1	2,955	11	32,505		
StorageWorks Enclosure Model 4314T	190210-001	1	3,182	1	3,182		
StorageWorks Enclosure Model 4354	190211-001	1	3,523	1	3,523		
Compaq SMART Array Controller 5304	158939-B21	1	2,499	5	12,495		
Deskpro Easy Access Keyboard	122660-006	1	44	1	44		
Compaq Scroll Mouse	170299-B21	1	23	1	23		
S510 Color Monitor - Carbon - 15 inch CRT	168636-002	1	189	1	189		
12/24-Gigabyte DAT Drive (Internal)	295513-B22	1	682	1	682		
Compaq Rack Model 9142 (42U - Opal) - Shock Pallet	120663-B21	1	1,352	1	1,352		
Side Panel Kit - 9142 Rack	120670-B21	1	212	1	212		
R3000 UPS	242705-001	1	1,431	1	1,431		
9.1-GB Pluggable Wide Ultra SCSI 3 Universal 10K Drive (1"	142671-B22	1	319	1	319		
18.2 GB Hot-Plug Wide U3 15K 1"	188122-B22	1	679	182	123,578		
18.2 GB Hot-Plug U3 15K 1" (10% spares for all 18GB drives	188122-B22	1	679	19		12,901	
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	13		2,041	
Subtotal					219,458	16,737	
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 DL360R P933/133 128MB M1	210645-001	1	2,249	4	8,996		
Pentium III 933MHz, 256KB level two ECC cache,Two integrated 10/100 T/X NIC, Integrated Smart Array Controller							
PIII 933/133-256 Processor kit	210647-B21	1	649	4	2,596		
128 MB 133 DIMM	128277-B21	1	125	12	1,500		
S510 Color Monitor - Carbon - 15 inch CRT	168636-002	1	189	4	756		
Compaq Scroll Mouse	170299-B21	1	21	4	84		
Deskpro Easy Access Keyboard	122660-006	1	44	4	176		
9.1-GB Pluggable Wide Ultra SCSI 3 Universal 10K Drive (1"	142671-B22	1	319	4	1,276		
CarePaq Service - Entry Workgroup Servers 3Yr,7x24,4hr	FM-EL724-36	1	750	4		3,000	
Subtotal					15,384	3,000	
Client Software							
Microsoft Windows 2000 Server	C11-00821	Microsoft	2	738	4	2,952	Incl. Above
Subtotal					2,952	0	
Connectivity							
cLAN 5000 switch	CL5000	Emulex	3	6,250	3	18,750	See Note 1
cLAN 1000 HBA	CLS004	Emulex	3	795	7	5,565	See Note 1
cLAN 5 meter cable	CLA0511	Emulex	3	95	7	665	See Note 1
Subtotal					25,000		
Large Purchase and Cash discount (See Note 2)	16.0%	1				(\$37,575)	(\$3,158)
Total					\$288,081	\$22,864	
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:						\$310,945	
tpmC Rating:						39158.09	
\$ / tpmC:						\$7.95	
Pricing: 1=Compaq Direct 2= Microsoft 3=Emulex Note 1 = 3 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 Lorna Livingtree of Performance Metrics, Inc.							

Numerical Quantities Summary

MQTH, Computed Maximum Qualified Throughput

39158.09 tpmC

Response Times (in seconds)	Average	90%	Maximum
New-Order	0.39	0.55	16.76
Payment	0.29	0.45	18.06
Order-Status	0.32	0.48	15.20
Delivery (interactive portion)	0.13	0.11	9.44
Delivery (deferred portion)	0.24	0.41	3.77
Stock-Level	1.47	1.96	18.03
Menu	0.13	0.11	9.47

Transaction Mix, in percent of total transaction

New-Order	44.88%
Payment	43.02%
Order-Status	4.03%
Delivery	4.04%
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	18.02/12.11	18.04/121.11
Payment	3.00/0.00	3.02/12.10	3.03/121.11
Order-Status	2.00/0.00	2.02/10.10	2.03/101.00
Delivery (interactive)	2.00/0.00	2.02/5.08	2.03/50.82
Stock-Level	2.00/0.00	2.02/5.09	2.02/50.81

Test Duration

Ramp-up time	15 minutes
Measurement interval	120 minutes
Transactions (all types) completed during measurement interval	10,891,794
Ramp down time	25 minutes

Checkpointing

Number of checkpoints	4
Checkpoint interval	30 minutes