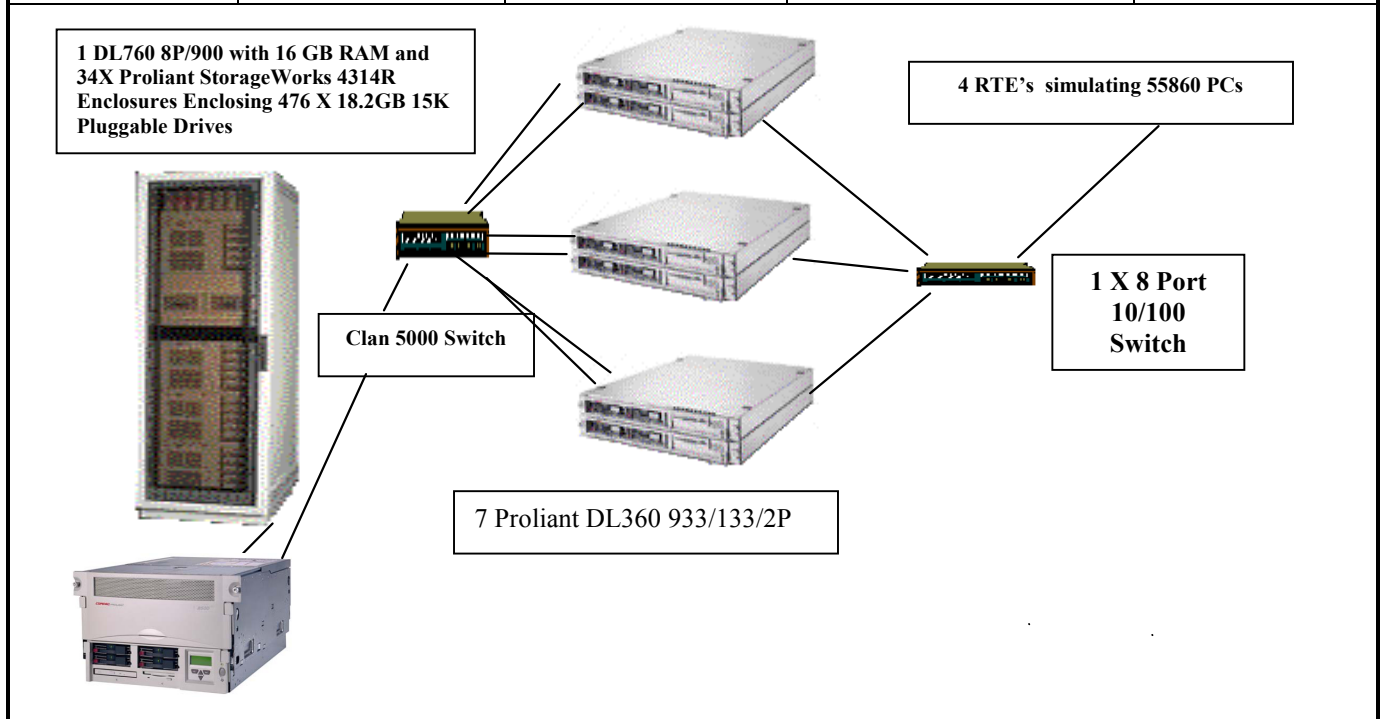


Compaq Computer Corporation		Proliant DL760 8P/900 C/S with 7 ProLiant DL360		TPC-C Rev. 5.0 Report Date: Feb 25, 2002	
Total System Cost		TPC-C Throughput		Price/Performance	
\$651,957		69,169.61		\$9.43	
Processors		Database Manager		Operating System	
8 Pentium III Xeon 900 MHz – Server 14 Pentium III 933MHz – Client		Microsoft SQL Server 2000 Enterprise Edition		Windows 2000 DataCenter Server	
				Other Software	
				Microsoft Visual C++ Microsoft COM+	
				Number of Users	
				55860	



System Components	Server		Each Client	
	Quantity	Description	Quantity	Description
Processor	8	900 Mhz Pentium III Xeon w/ 2M Cache	2	933MhzPentium III w/ 256K cache
Memory	16	1GB	4	128MB
Disk Controllers	9	SMART 5304 Array Controller	1	Integrated Ultra SCSI Controller
Disk Drives	476	18GB SCSI Drive	1	9.1GB SCSI Drive
	4	9.1 GB SCSI drive		
Total Storage		8243 GB		9.1GB
Tape Drives	1	12/24 GB DAT		

Compaq Computer Corporation		ProLiant DL760-900			TPC-C Rev. 5.0		
		Client/Server			Report Date:	25-Feb-02	
Description	Part Number	Third Party Brand	Unit Price	Qty	Extended Price	3 yr. Maint. Price	
Server Hardware							
DL760 4xX900 2M 2GB	212692-001	1	44,400	1	44,400		
- 4 Pentium III Xeon/900MHz 2MB Cache							
1G-Memory Kit SDRAM	328808-B21	1	2,099	14	29,386		
Pentium III Xeon 900/100-2MB Processor Option Kit	177666-B21	1	6,599	4	26,396		
StorageWorks Enclosure Model 4314R	190209-001	1	2,955	34	100,470		
Compaq SMART Array Controller 5304 - 4 SCSI Chan.	158939-B21	1	2,099	9	18,891		
V570 Color Monitor - 15 inch CRT - Opal	228113-001	1	169	1	169		
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	2	2,704		
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	4	1,276		
18.2 GB Hot-Plug Wide U3 15K 1"	188122-B22	1	539	476	256,564		
18.2 GB Hot-Plug U3 15K 1" (10% spares for all 18GB drives	188122-B22	1	539	48		25,872	
CarePaq Service - Departmental Servers 3Yr,7x24,4hr Resp.	FM-HE724-36	1	3,390	1		3,390	
CarePaq Service - 42xx/43xx Enclosure 3Yr,7x24,4hr Resp.	FM-4E724-36	1	157	34		5,338	
					Subtotal	482,581	34,600
Server Software							
Microsoft SQL Server 2000 Enterprise Edition (per processor	810-00846	Microsoft	2	16,541	8	132,328	6,285
Microsoft Visual C++ 6.0	048-00317	Microsoft	2	549	1	549	Incl Above
ProLiant DL760 Operating System Installation Kit	260162-B21	Compaq	1	27,899	1	27,899	Incl Above
					Subtotal	160,776	6,285
Client Hardware							
ProLiant DL360R P933/133 128MB M1	210645-001	1	2,249	7	15,743		
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	519	7	3,633		
128 MB 133 DIMM	128277-B21	1	103	21	2,163		
S510 Color Monitor - Carbon - 15 inch CRT	168636-002	1	189	7	1,323		
Compaq Scroll Mouse	170299-B21	1	21	7	147		
Deskpro Easy Access Keyboard	122660-006	1	44	7	308		
9.1 Gigabyte Wide Ultra2 SCSI Hard Drive	120204-B21	1	434	7	3,038		
CarePaq Service - Entry Workgroup Servers 3Yr,7x24,4hr	FM-EL724-36	1	750	7		5,250	
					Subtotal	26,355	5,250
Client Software							
Microsoft Windows 2000 Server	C11-00821	Microsoft	2	738	7	5,166	Incl. Above
					Subtotal	5,166	0
Connectivity							
cLAN 5000 switch	CL5000	Emulex	3	6,250	3	18,750	See Note 1
cLAN 1000 HBA	CLS004	Emulex	3	795	8	6,360	See Note 1
cLAN 5 meter cable	CLA0511	Emulex	3	95	8	760	See Note 1
Large Purchase and Cash discount (See Note 2)	16.0%		1			(\$81,430)	(\$6,376)
					Total	\$612,198	\$39,759
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:		\$651,957
					tpmC Rating:		69,163.61
					\$/ tpmC:		\$9.43
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

69,163.61 tpmC

Response Times (in seconds)	Average	90%	Maximum
New-Order	0.42	0.71	8.58
Payment	0.35	0.63	8.30
Order-Status	0.36	0.65	6.41
Delivery (interactive portion)	0.10	0.11	0.93
Delivery (deferred portion)	0.18	0.33	0.64
Stock-Level	1.27	1.77	8.32
Menu	0.10	0.11	1.07

Transaction Mix, in percent of total transaction

New-Order	44.94%
Payment	43.03%
Order-Status	4.01%
Delivery	4.01%
Stock-Level	4.01%

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	18.02/12.28	18.03/121.91
Payment	3.00/0.00	3.02/12.28	3.04/121.91
Order-Status	2.00/0.00	2.02/10.24	2.03/102.50
Delivery (interactive)	2.00/0.00	2.02/5.15	2.03/51.5
Stock-Level	2.00/0.00	2.02/5.15	2.03/51.5

Test Duration

Ramp-up time	45 minutes
Measurement interval	120 minutes
Transactions (all types) completed during measurement interval	18,386,932
Ramp down time	5 minutes

Checkpointing

Number of checkpoints	4
Checkpoint interval	30 minutes