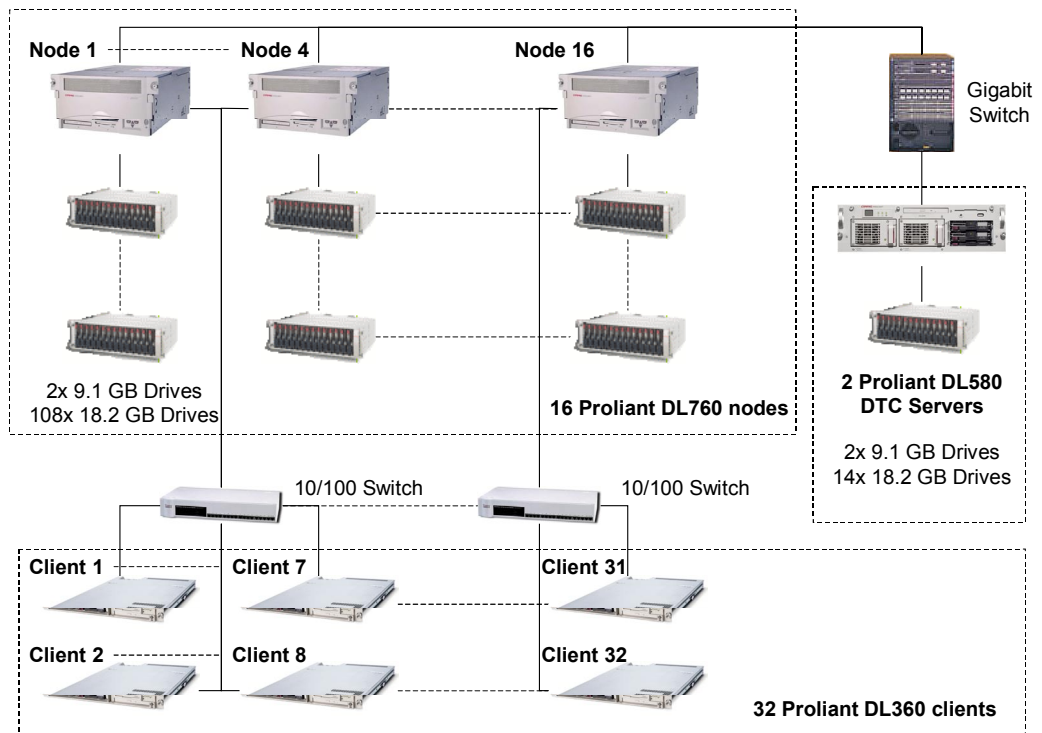


Compaq Computer Corporation		ProLiant DL760-900-128P Client/Server		TPC-C Rev. 5.0
				Report Date: Sep 19, 2001
Total System Cost		TPC-C Throughput		Price/Performance
\$5,344,576		410,769.88 tpmC		\$13.02
				Availability Date
				Oct 15, 2001
Processors	Database	Operating System	Other Software	Number Users
128 -Xeon 900 MHz SQL 8 - Xeon 700 MHz DTC 64 - 800 MHz Clients	Microsoft SQL Server 2000 Enterprise Edition	Windows 2000 Advanced Server	Microsoft Visual C++ Microsoft COM+	352,000



System Components	Qty	Each of 16 Database Servers	Qty	Each of 32 clients
Processor	8	900MHz Pentium III Xeon w/2MB cache	2	Pentium III 800Mhz/256K
Memory	16	512MB	4	128MB
Disk Controllers	5	Compaq SMART Array 5304 Controllers	1	Integrated SCSI RAID Controller
Disk Drives	2	9 GB 10K U2 SCSI Drives	1	9.1GB 10K Ultra2 SCSI Drive
Total Storage	108	18GB 15K U3 SCSI Drives		
Tape Drive	1	29.23 TeraBytes		
		12/24 GB DAT Drive		
System Components	Qty	Each of 2 DTC Servers		
Processor	4	700MHz Pentium III Xeon w/2MB cache		
Memory	4	128 MB		
Disk Controllers	1	Compaq SMART Array 5304 Controller		
Disk Drives	2	9 GB 10K U2 SCSI Drives		
	14	18GB 15K U3 SCSI Drives		

Compaq Computer Corporation	ProLiant DL760-900-128P		TPC-C Rev. 5.0			
	Client/Server		Report Date:		19-Sep-01	
Description	Part Number	Third Party	Unit Price	Qty	Extended Price	3 yr. Maint. Price
Server Hardware						
		Brand Pricing				
DL760 4xX900 2M 2GB	212692-001	1	45,400	16	726,400	
- 4 Pentium III Xeon/900MHz 2MB Cache						
X900 2M Processor Option	177666-B21	1	6,600	64	422,400	
1G-Memory Kit SDRAM	328808-B21	1	2,500	96	240,000	
Compaq SMART Array Controller 5304 - 4 SCSI Chan.	158939-B21	1	2,499	82	204,918	
StorageWorks Enclosure Model 4314R	190209-001	1	2,955	114	336,870	
StorageWorks Enclosure Model 4354	190211-001	1	3,523	16	56,368	
S510 Color Monitor - Carbon - 15 inch CRT	168636-002	1	189	18	3,402	
12/24-Gigabyte DAT Drive (Internal)	295513-B22	1	682	1	682	
Compaq Rack Model 9142 (42U - Opal) - Flat Pallet	120663-B21	1	1,352	16	21,632	
Baying Kit - 9000 Series racks (36U and 42U)	120669-B21	1	85	15	1,275	
Side Panel Kit - 9142 Rack	120670-B21	1	212	1	212	
R3000 UPS	242705-001	1	1,431	18	25,758	
ProLiant DL580R X700 2MB 512	155618-001	1	11,899	2	23,798	
XN700 2M S2 Processor Kit	174449-B21	1	3,099	4	12,396	
9.1GB Pluggable Wide Ultra SCSI 3 Universal 10K Drive	142671-B22	1	319	36	11,484	
18.2 GB Hot-Plug Wide U3 15K 1"	188122-B22	1	679	1756	1,192,324	
NC6134 Gigabit NIC 64 PCI 1000 SX	174818-B21	1	625	18	11,250	
Server Keyboard	296435-006	1	14	18	252	
Compaq Scroll Mouse	170299-B21	1	23	18	414	
9.1GB Pluggable Wide SCSI 3 10K Drive (10% Spares)	142671-B22	1	319	4		1,276
18.2 GB Hot-Plug Wide U3 15K 1" (10% Spares)	188122-B22	1	679	176		119,504
CarePaq Service - Depart. Servers 3Yr,7x24,4hr Resp.	FM-MI724-36	1	1,795	2		3,590
CarePaq Service - High End Servers 3Yr,7x24,4hr Resp.	FM-HE724-36	1	3,390	16		54,240
CarePaq Service - 42xx/43xx Enclosure 3Yr,7x24,4hr Resp.	FM-4E724-36	1	157	130		20,410
Subtotal					3,291,835	199,020
Server Software						
Microsoft SQL Server 2000 Enterprise	810-00945	Microsoft	2	15,802	128	2,022,656
Microsoft Visual C++ 6.0	048-00317	Microsoft	2	549	1	549
Microsoft Windows 2000 Advance Server	C10-00475	Microsoft	2	2,399	16	38,384
Microsoft Windows 2000 Server	C11-00821	Microsoft	2	738	2	1,476
Subtotal					2,063,065	100,560
Client Hardware						
ProLiant DL360R P800/133 128MB M1	161080-001	1	2,273	32	72,736	
PIII 800/133-256 Processor kit	161084-B21	1	366	32	11,712	
ProLiant DL360R P933/133 128MB M1	210645-001	1	2,249	0	0	
PIII 933/133-256 Processor kit	210647-B21	1	649	0	0	
128 MB 133 DIMM	128277-B21	1	125	96	12,000	
Compaq Rack Model 9142 (42U - Opal) - Flat Pallet	120663-B21	1	1,352	2	2,704	
Baying Kit - 9000 Series racks (36U and 42U)	120669-B21	1	85	2	170	
S510 Color Monitor - Carbon - 15 inch CRT	168636-002	1	189	32	6,048	
9.1GB Pluggable Wide Ultra SCSI 3 Universal 10K Drive	142671-B22	1	319	32	10,208	
Server Keyboard	296435-006	1	14	32	448	
Compaq Scroll Mouse	170299-B21	1	23	32	736	
CarePaq Service - Entry Level Servers 3Yr,7x24,4hr Resp.	FM-EL724-36	1	750	32		24,000
Subtotal					116,762	24,000
Client Software						
Microsoft Windows 2000 Server	C11-00821	Microsoft	2	738	32	23,616
Subtotal					23,616	0
Connectivity						
LinkSys 16 Port 10/100 Switch DSSX16	387226	LinkSys	3	399	4	1,594
Cisco Catalyst 6500 Gigabit ethernet switch		Cisco	4	78,975	1	78,975
Subtotal					80,569	31,200
Large Purchase and Cash discount	16.0%	1				
					(\$545,376)	(\$40,675)
Total					\$5,030,472	\$314,105
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.				3-Year Cost of Ownership: \$5,344,576		
				tpmC Rating: 410,769.88		
				\$ / tpmC: \$13.02		
Pricing: 1=Compaq Computer Corporation 2=Microsoft 3=cost.com 4=Cisco						
Note 1 = 3 Year warranty with 10% Spares -						
Note: The benchmark results and test methodology were audited by Loma Livingtree of Performance Metrics, Inc.						

Numerical Quantities Summary

MQTH, Computed Maximum Qualified Throughput **410,769.88 tpmC**

Response Times (in seconds)	Average	90%	Maximum
New-Order	1.33	2.11	15.97
Payment	1.22	2.00	15.44
Order-Status	1.22	2.00	14.34
Delivery (interactive portion)	0.18	0.35	9.31
Delivery (deferred portion)	0.34	0.49	6.27
Stock-Level	2.33	3.24	16.04
Menu	0.18	0.36	9.42

Transaction Mix, in percent of total transaction

New-Order	44.83%
Payment	43.05%
Order-Status	4.04%
Delivery	4.04%
Stock-Level	4.04%

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	18.02/12.65	18.07/126.52
Payment	3.00/0.00	3.02/12.65	3.07/126.52
Order-Status	2.00/0.00	2.02/10.54	2.06/105.51
Delivery (interactive)	2.00/0.00	2.02/5.31	2.06/53.02
Stock-Level	2.00/0.00	2.02/5.30	2.06/53.02

Test Duration

Ramp-up time	100 minutes
Measurement interval	120 minutes
Transactions (all types) completed during measurement interval	109,944,204
Ramp down time	10 minutes

Checkpointing

Number of checkpoints	4
Checkpoint interval	30 minutes