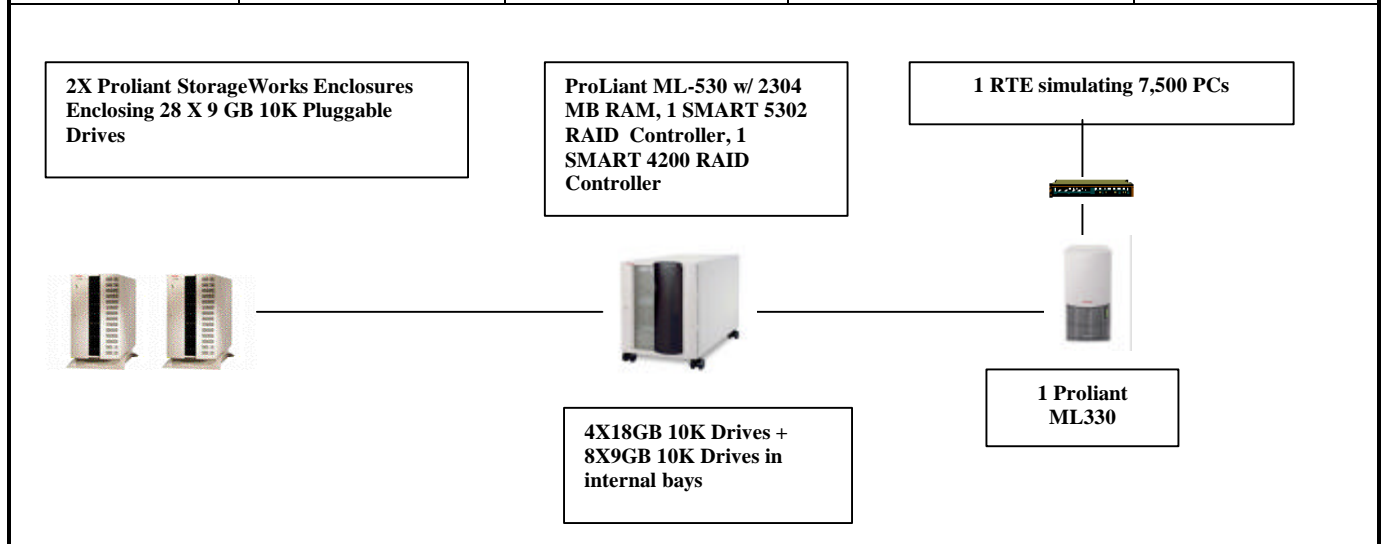


Compaq Computer Corporation	ProLiant ML530-X1000-1P	TPC-C Rev. 5.0
	C/S with 1 ProLiant ML330	Report Date: Sept.25, 2001

Total System Cost	TPC-C Throughput	Price/Performance	Availability Date
<b>\$44,582</b>	<b>9347.24</b>	<b>\$4.77</b>	<b>Sept. 25, 2001</b>

Processors	Database Manager	Operating System	Other Software	Number of Users
1 Pentium III Xeon 1 GHz – Server 1 Pentium III 933MHz – Client	Microsoft SQL Server 2000 Standard Edition	Windows 2000 Server	Microsoft Visual C++ Microsoft COM+	<b>7500</b>



System Components	Server		Each Client	
	Quantity	Description	Quantity	Description
Processor	1	1Ghz Pentium III Xeon w/ 256K Cache	1	933MhzPentium III w/ 256K cache
Memory	4	512MB	3	128MB
	2	128MB		
Disk Controllers	1	SMART 5302 Array Controller	1	Integrated Ultra SCSI Controller
	1	SMART 4200 Array Controller		
Disk Drives	36	9.1GB SCSI Drive	1	9.1GB SCSI Drive
	4	18GB SCSI Drive		
Total Storage		364.14 GB		9.1GB
Tape Drives	1	12/24 GB DAT		

Compaq Computer Corporation		ProLiant ML530-1000X 1P			TPC-C Rev. 5.0		
		Client/Server			Report Date:	25-Sep-01	
Description	Part Number	Third Party Brand	Unit Price	Qty	Extended Price	3 yr. Maint. Price	
<b>Server Hardware</b>							
ProLiant ML530T PIII Xeon 1GHz Array Model - 1 Pentium III Xeon 1GHz 256K cache - 256MB SDRAM - CD-ROM 24X ,NC3163 10/100 NIC - SMART 5302/32MB Array Controller	161157-001		5,099	1	5,099		
512 Reg 133MHz SDRAM DIMM	128279-B21	1	500	4	2,000		
StorageWorks Enclosure Model 4314T	190210-001	1	3,182	2	6,364		
Compaq SMART Array Controller 4200	295636-B21	1	2,250	1	2,250		
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		
UPS Model T1000	242688-001	1	475	1	475		
9.1GB Pluggable Wide Ultra SCSI 3 Universal 10K Drive	142671-B22	1	319	36	11,484		
18.2GB Pluggable Ultra3 SCSI 10K 1" Universal HDD	142673-B22	1	429	4	1,716		
9.1 GB Hot-Plug U3 10K 1" (10% spares for external drives)	142671-B22	1	319	3		957	
CarePaq Service - 500 Series Servers 3Yr,7x24,4hr	FM-MI724-36	1	1,795	1		1,795	
CarePaq Service - 42xx/43xx Enclosure 3Yr,7x24,4hr Resp.	FM-4E724-36	1	157	2		314	
					<b>Subtotal</b>	<b>30,239</b>	<b>3,066</b>
<b>Server Software</b>							
Microsoft SQL Server 2000 Standard (per processor)		Microsoft 2	4,999	1	4,999	6,285	
Microsoft Visual C++ 6.0		Microsoft 2	549	1	549	Incl Above	
Microsoft Windows 2000 Server		Microsoft 2	738	1	738	Incl Above	
					<b>Subtotal</b>	<b>6,286</b>	<b>6,285</b>
<b>Client Hardware</b>							
ProLiant ML330T SBS Model P/933/133 NHP 128MB	160209-001	1	1,349	1	1,349		
128 Reg 133MHz SDRAM DIMM	128277-B21	1	125	2	250		
NC3123 Fast Ethernet NIC PCI 10/100 Wake on LAN	174830-B21	1	98	2	196		
V570 Color Monitor - 15 inch CRT - Opal	228113-001	1	169	1	169		
9.1 Gigabyte Wide Ultra2 SCSI Hard Drive	349526-B21	1	306	1	306		
CarePaq Service - Entry Workgroup Servers 3Yr,7x24,4hr	FM-EL724-36	1	750	1		750	
					<b>Subtotal</b>	<b>2,270</b>	<b>750</b>
<b>Client Software</b>							
Microsoft Windows 2000 Server		Microsoft 2	738	1	738	Incl. Above	
					<b>Subtotal</b>	<b>738</b>	<b>0</b>
<b>User Connectivity</b>							
Crossover Cable 4PR red 6FT + 2 spares		3	11	3	33		
					<b>Subtotal</b>	<b>33</b>	<b>0</b>
Large Purchase and Cash discount (See Note 1)	14.0%	1				<b>(\$4,551)</b>	<b>(\$534)</b>
					<b>Total</b>	<b>\$35,015</b>	<b>\$9,567</b>
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.					<b>Three-Year Cost of Ownership: \$44,582</b>		
					<b>tpmC Rating: 9347.24</b>		
					<b>\$ / tpmC: \$4.77</b>		
Pricing: 1=Compaq Direct 2= Microsoft 3=MicroWarehouse							
Note 1 = 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**

**9347.24 tpmC**

<b>Response Times (in seconds)</b>	<b>Average</b>	<b>90%</b>	<b>Maximum</b>
New-Order	0.41	0.66	5.93
Payment	0.28	0.50	6.24
Order-Status	0.33	0.56	4.65
Delivery (interactive portion)	0.10	0.11	0.18
Delivery (deferred portion)	0.50	0.99	3.41
Stock-Level	1.77	2.94	7.83
Menu	0.10	0.11	1.12

### **Transaction Mix, in percent of total transaction**

New-Order	44.83%
Payment	43.06%
Order-Status	4.01%
Delivery	4.06%
Stock-Level	4.04%

### **Emulation Delay (in seconds)**

	<b>Resp.Time</b>	<b>Menu</b>
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)**

	<b>Min.</b>	<b>Average</b>	<b>Max.</b>
New-Order	18.00/0.00	18.02/12.11	18.04/121.21
Payment	3.00/0.00	3.02/12.13	3.04/121.21
Order-Status	2.00/0.00	2.02/10.14	2.04/101.00
Delivery (interactive)	2.00/0.00	2.02/5.08	2.03/50.50
Stock-Level	2.00/0.00	2.02/5.02	2.03/50.50

### **Test Duration**

Ramp-up time	28 minutes
Measurement interval	120 minutes
Transactions (all types) completed during measurement interval	2,603,307
Ramp down time	21 minutes

### **Checkpointing**

Number of checkpoints	4
Checkpoint interval	30 minutes