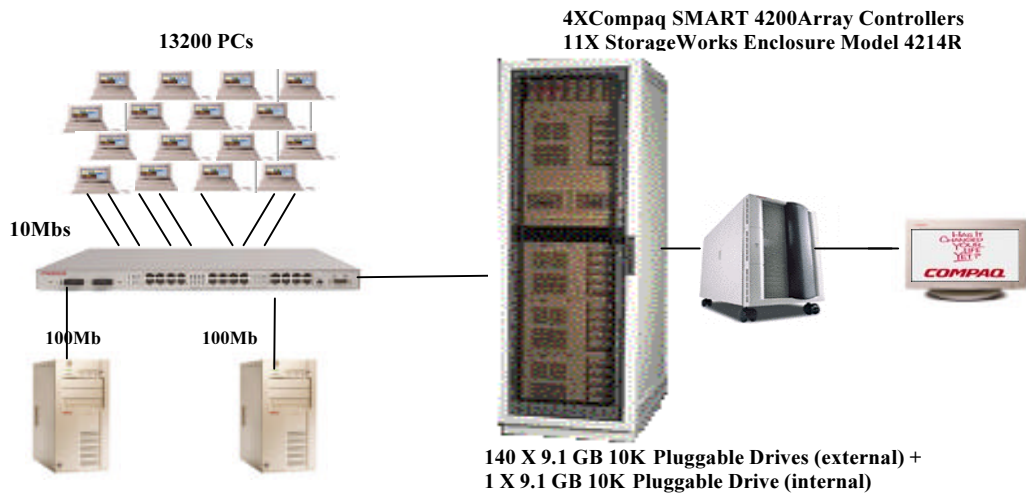


Compaq Computer Corporation		ML530-800-2P C/S with 1 Proliant 1600 and 1 ML370		TPC-C Rev. 3.5 Report Date: March 8, 2000					
Total System Cost		TPC-C Throughput		Price/Performance		Availability Date			
<b>\$256,156</b>		<b>16133.75</b>		<b>\$15.87</b>		<b>Aug 1, 2000</b>			
Processors		Database Manager		Operating System		Other Software		Number of Users	
2 Pentium III Xeon 800 MHz		Microsoft SQL Server 2000		Windows 2000 Advanced Server		Microsoft Visual C++ MKS Toolkit for NT		<b>13200</b>	

**Compaq ML530/800/133**



System Components	Server		Each Client	
	Quantity	Description	Quantity	Description
Processor	2	800MHz PentiumIII Xeon w/ 256Kb Cache	2	500MhzPentium II w/ 512K cache or 733 MhzPentium III w/256k cache
Memory	8	512MB	2	256MB
Disk Controllers	4	SMART 4200 Array Controller	1	Integrated Ultra SCSI Controller
Disk Drives	140	9.1GB SCSI Drive	1	9.1GB SCSI Drive
Total Storage		1.2466 TeraBytes		9.1GB
Tape Drives	1	4/16 TurboDAT		

\* **Hardware availability date is date of publication**

Compaq Computer Corporation		ML530 800/133		TPC-C Rev. 3.5			
Description		Part Number	Third Party Brand	Unit Price	Qty	Extended Price	5 yr. Maint. Price
<b>Server Hardware</b>							
MI 530 800/133	161148-001		1	4,850	1	4,850	
1 Pentium III xeon 800/133-256 Processor							
128MB registered 133Mhz SDRAM DIMM							
- CD-ROM 24X							
NC3123 Fast Ethernet NIC PCI							
Pentium III xeon 800/133-256 Processor Option Kit	116277-B21		1	790	1	790	
512MB registered 133Mhz SDRAM DIMM	128279-B21		1	2,864	8	22,911	
Compaq SMART Array Controller 4200	295636-B21		1	2,218	4	8,870	
StorageWorks Enclosure Model 4214T	124875-001		1	2,352	11	25,872	
Compaq V500 Color Monitor	325900-001		1	172	1	172	
4/8GB DAT Drive	295353-B21		1	703	1	703	
9.1 GB Pluggable Wide Ultra2 Universal 10K Drive	328939-B22		1	503	141	70,906	
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	22		5,610
Onsite 5x8 4 Hr Service Upgrade from Compaq Standard Service		Allst	1				10,806
<b>Subtotal</b>						<b>135,074</b>	<b>17,610</b>
<b>Server Software</b>							
Microsoft SQL Server 2000 Enterprise		Micr	2	28,999	1	28,999	10,475
MKS Toolkit for NT		MKS	1	499	1	499	5 Yr WTY
Microsoft Visual C++ 6.0		Micr	2	549	1	549	Incl Above
Microsoft Windows 2000 Advanced Server		Micr	2	3,999	1	3,999	Incl Above
<b>Subtotal</b>						<b>34,046</b>	<b>10,475</b>
<b>Client Hardware</b>							
ML370R P733/133-256	158343-001		1	4,144	1	4,144	
ProLiant 1600 6/500/512	386747-001		1	2,531	1	2,531	
Pentium III 500MHz Slot1 512K processor kit	401268-B21		1	671	1	671	
Pentium III Xeon 733/133-256 Processor Option Kit	159756-B21		1	1,343	1	1,343	
256MB registered 133Mhz SDRAM DIMM	128278-B21		1	930	2	1,859	
256Mb SDRAM DIMM Kit	313616-B21		1	930	2	1,859	
Compaq NC 3131 64 PCI Dual 10/100 NIK	338456-B21		1	280	2	560	
Compaq V500 Color Monitor	325900-001		1	172	2	345	
9.1 GB Pluggable Wide Ultra2 Universal 10K Drive	328939-B22		1	503	2	1,006	
ProLiant Workgroup Server - Parts Exchange - 1 Year	FM-LOPRT-12		1	259	2		518
Onsite 5x8 4 Hr Service Upgrade from Compaq Standard Service		Allst	1				1,145
<b>Subtotal</b>						<b>14,318</b>	<b>1,663</b>
<b>Client Software</b>							
Microsoft Windows NT Server		Micr	2	809	1	809	Incl. Above
DB WebCN WNT Lic/CDROM				880	2	1,760	
DB WebCN RT All Cal UNL Lic				1,760	2	3,520	
<b>Subtotal</b>						<b>5,280</b>	<b>0</b>
<b>User Connectivity</b>							
3Com SuperStackII 3300	DEH3533	Genr	3	1,792	3	5,376	See Note 1
8-port 10BaseT hub		Genr	1	29.00	1818	52,722	See Note 1
<b>Subtotal</b>						<b>58,098</b>	<b>0</b>
Large Purchase and Cash discount	9.0%		1			(\$18,674)	(\$1,735)
<b>Total</b>						<b>\$228,142</b>	<b>\$28,014</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>Five-Year Cost of Ownership: \$256,156</b>			
				<b>tpmC Rating: 16133.75</b>			
				<b>\$ / tpmC: \$15.87</b>			
Pricing: 1=Allstar Systems 2= Microsoft 3= Microwarehouse							
Note 1 = 5 Year warranty with 10% Spares -							
Note: The benchmark results and test methodology were audited by Lorna Livingtree of Performance Metrics, Inc.							

## Numerical Quantities Summary

**MQTH, Computed Maximum Qualified Throughput**

**16133.75 tpmC**

% throughput difference, reported & reproducibility runs

0.1%

### Response Times (in seconds)

	<b>Average</b>	<b>90%</b>	<b>Maximum</b>
New-Order	0.495	0.860	5.399
Payment	0.491	0.801	5.596
Order-Status	0.406	0.752	8.872
Delivery (interactive portion)	0.245	0.299	2.799
Delivery (deferred portion)	0.454	0.765	5.985
Stock-Level	1.693	2.295	6.797
Menu	0.158	0.268	4.298

### Transaction Mix, in percent of total transaction

New-Order	44.990%
Payment	43.001%
Order-Status	4.002%
Delivery	4.006%
Stock-Level	4.001%

### 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	18.001/12.897	18.019/125.860
Payment	3.00/0.00	3.002/12.004	3.015/119.548
Order-Status	2.00/0.00	2.001/10.017	2.013/96.625
Delivery (interactive)	2.00/0.00	2.001/5.004	2.012/46.772
Stock-Level	2.00/0.00	2.001/5.005	2.012/49.808

### Test Duration

Ramp-up time	20 minutes
Measurement interval	20 minutes
Transactions (all types) completed during measurement interval	717,219
Ramp down time	20 minutes

### Checkpointing

Number of checkpoints	1
Checkpoint interval	20 minutes