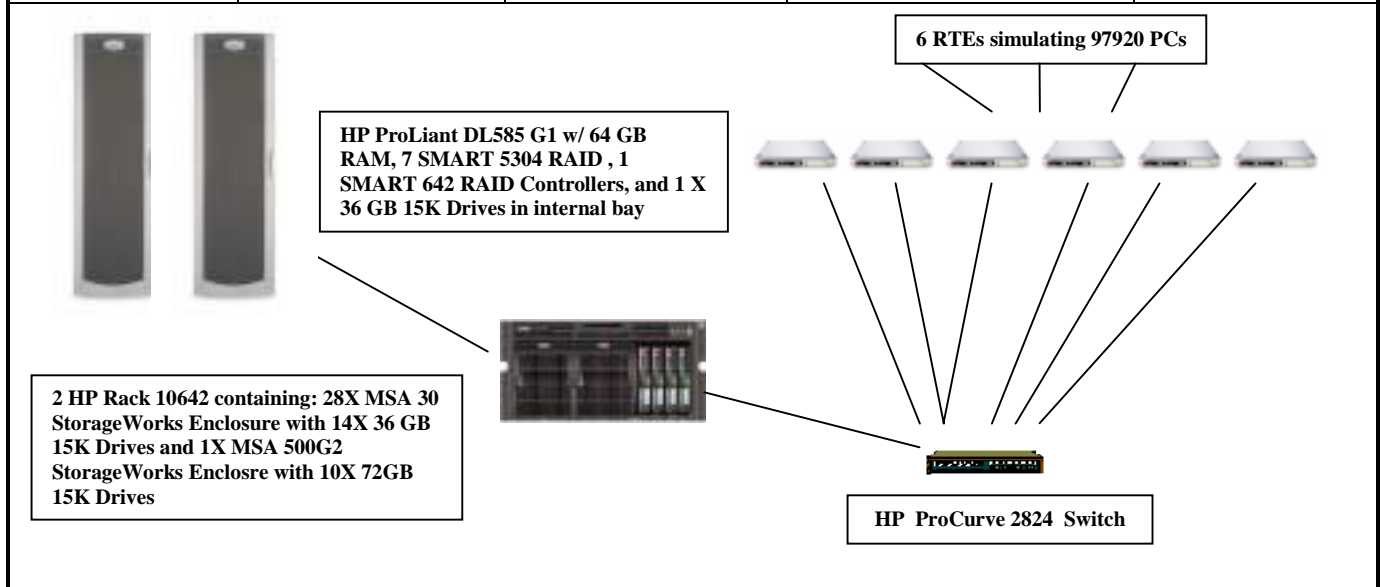


<b>Hewlett-Packard Company</b>	HP ProLiant DL585-G1/2.4GHz	TPC-C Rev. 5.3
	C/S with 6 HP ProLiant DL360R	Report Date: May 3, 2004

Total System Cost	TPC-C Throughput	Price/Performance	Availability Date
<b>\$430,583</b>	<b>123,027</b>	<b>\$3.50</b>	<b>October 31, 2004</b>

Processors	Database Manager	Operating System	Other Software	Number of Users
4 AMD Opteron 2.4 GHz – Server 6 Intel Xeon 3.06 GHz – Clients	Microsoft SQL Server 2000 Enterprise Edition SP3	Windows Server 2003, Enterprise Edition SP1	Microsoft Visual C++ Microsoft COM+	<b>97920</b>



	Server		Each Client	
System Components	Quantity	Description	Quantity	Description
Processor	4	2.4 GHz AMD Opteron w/ 1M Cache	2	3.06 GHz Intel Xeon w/ 512K cache
Memory	16	4 GB DDR (2 X 2 GB)	2	512MB
Disk Controllers	1	Integrated Smart 5i Controller	1	Integrated SMART 5i Controller
	7	SMART 5304 Array Controllers		
	1	SMART 642 Array Controller		
Disk Drives	10	72 GB SCSI Drive	1	18.2 GB SCSI Drive
	393	36 GB SCSI Drive		
Total Storage		14,001.06 GB		18.2 GB



## Numerical Quantities Summary

**MQTH, Computed Maximum Qualified Throughput**

**123,027tpmC**

<b>Response Times (in seconds)</b>	<b>Average</b>	<b>90%</b>	<b>Maximum</b>
New-Order	0.25	0.44	5.13
Payment	0.19	0.36	3.97
Order-Status	0.20	0.37	5.07
Delivery (interactive portion)	0.14	0.24	1.66
Delivery (deferred portion)	0.10	0.15	0.50
Stock-Level	0.48	0.72	2.15
Menu	0.14	0.25	1.68

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

New-Order	44.90%
Payment	43.05%
Order-Status	4.00%
Delivery	4.01%
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	18.02/12.09	18.04/120.91
Payment	3.00/0.00	3.02/12.09	3.04/120.91
Order-Status	2.00/0.00	2.02/10.08	2.04/100.81
Delivery (interactive)	2.00/0.00	2.02/5.07	2.04/50.71
Stock-Level	2.00/0.00	2.02/5.07	2.04/50.70

### **Test Duration**

Ramp-up time	21 minutes
Measurement interval	120 minutes
Transactions (all types) completed during measurement interval	34,196,463
Ramp down time	3 minutes

### **Checkpointing**

Number of checkpoints	4
Checkpoint interval	30 minutes