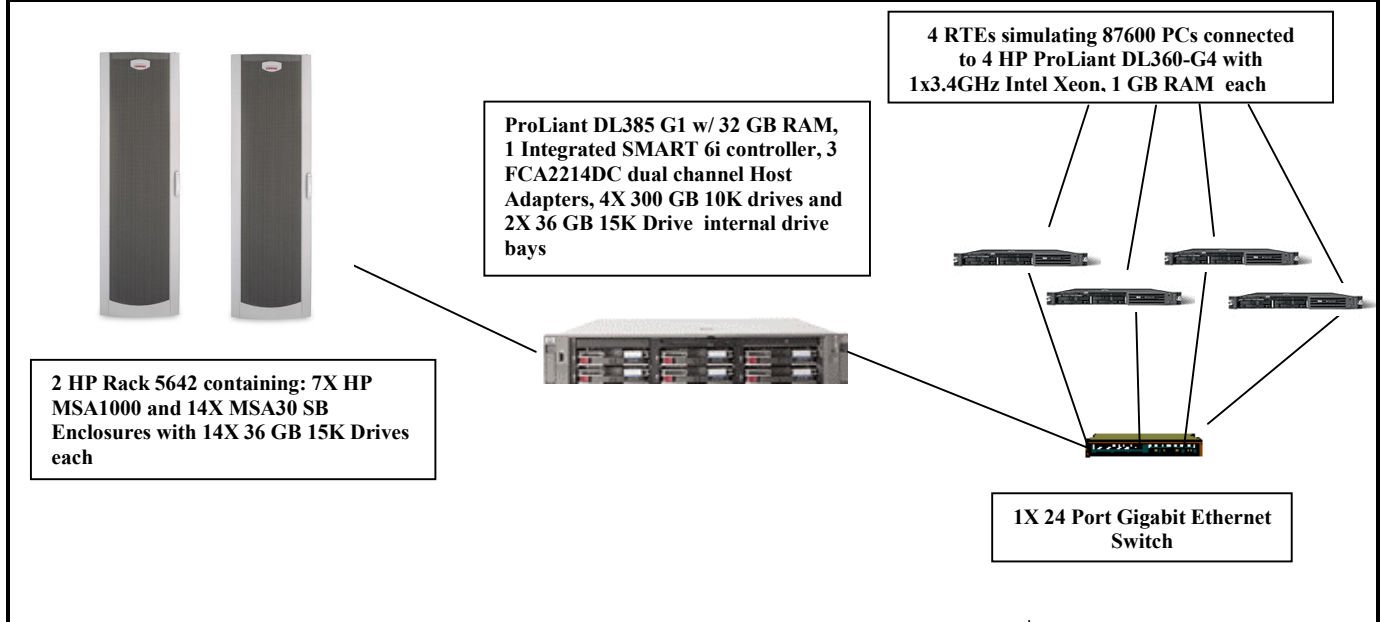


<b>Hewlett-Packard</b>  <b>Company</b>	HP ProLiant DL385 G1 32GB/2.4GHz DC/2P	TPC-C Rev. 5.4
	C/S with 4 HP ProLiant DL360R	Report Date: Sept. 30, 2005

Total System Cost	TPC-C Throughput	Price/Performance	Availability Date
<b>\$298,216 USD</b>	<b>109,633</b>	<b>\$2.73 USD</b>	<b>Nov. 8, 2005</b>

Processors	Database Manager	Operating System	Other Software	Number of Users
2 Opteron 280  2 processors 4cores  2.4 GHz Dual Core (1MB) Server  4 Intel Xeon 3.06 GHz – Clients	Microsoft SQL Server 2005 Enterprise Edition	Windows Server 2003, Enterprise Edition	Microsoft Visual C++ Microsoft COM+	<b>87600</b>



System Components	Server		Each Client	
	Quantity	Description	Quantity	Description
Processor	2	Opteron 280 2.4GHz DC w/ 1MB Cache	1	3.4 GHz Intel Xeon w/ 1MB L2 cache
Memory	8	4 GB DDR	2	512MB
Disk Controllers	1	Integrated SMART 6i Controller	1	Integrated SMART 6i Array Controller
	3	FCA2214DC dual channel Host Adapters		
Disk Drives	4	300 GB SCSI Drive	2	36.4 GB SCSI Drive
	296	36.4 GB SCSI Drive		
Total Storage		11,157.88 GB		33.9 GB



## Numerical Quantities Summary

**MQTH, Computed Maximum Qualified Throughput**

**109,633 tpmC**

<b>Response Times (in seconds)</b>	<b>Average</b>	<b>90%</b>	<b>Maximum</b>
New-Order	0.39	0.74	17.21
Payment	0.36	0.71	18.41
Order-Status	0.37	0.72	14.30
Delivery (interactive portion)	0.10	0.11	0.40
Delivery (deferred portion)	0.14	0.18	4.05
Stock-Level	0.37	0.73	16.02
Menu	0.10	0.11	0.59

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

New-Order	44.92%
Payment	43.03%
Order-Status	4.00%
Delivery	4.01%
Stock-Level	4.03%

### **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	18.02/0.00	18.03/12.06	18.35/120.53
Payment	3.02/0.00	3.03/12.06	3.35/120.53
Order-Status	2.02/0.00	2.03/10.07	2.35/100.53
Delivery (interactive)	2.02/0.00	2.03/5.07	2.35/50.51
Stock-Level	2.02/0.00	2.03/5.06	2.35/50.53

### **Test Duration**

Ramp-up time	18 minutes
Measurement interval	120 minutes
Transactions (all types) completed during measurement interval	30,463,175
Ramp down time	34 minutes

### **Checkpointing**

Number of checkpoints	4
Checkpoint interval	30 minutes