## HP ProLiant DL380 G7

### Total System Cost
- **$544,967 USD**

### TPC Throughput
- **803,068 tpmC**

### Price/Performance
- **$0.68 USD per tpmC**

### Report Date
- **May 11, 2010**

### Availability Date
- **Sept 1, 2010**

### Proc/Cores/Threads
- **2/12/24 Intel X5680 Hex Core Processors @ 3.3 GHz**
- **16 x 2/8/8 Intel Xeon E5520 @ 2.26 GHz**

### Database Manager
- **Microsoft SQL Server 2005 Enterprise X64 Edition SP3**

### Operating System
- **Microsoft Windows Server 2008 R2 Enterprise Edition for X64-Based Systems**

### Other Software
- **Microsoft Visual C++**
- **Microsoft COM+ Transaction Monitor**

### Number of Users
- **639,960**

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### System Components

<table>
<thead>
<tr>
<th>Server</th>
<th>Each Client</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Qty</strong></td>
<td><strong>Type</strong></td>
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<tr>
<td>Procs/Core/Threads</td>
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### HP ProLiant DL380G7 w 3.3GHz/92GB RAM
- 1 SmartArray 410i SAS RAID controller
- 1 SmartArray 411 SAS RAID Controller
- 4x LSI 9200 8e SAS controllers
- 1x HP StorageWorks 82E 2x8gb fiber

### HP ProCurve 2910a148
- 24 RTE’s Simulating
- 639,960 Users

### HP 29542 Rack containing 8x StorageWorks D2700 with 16x 120GB SSD’s each.
- (Priced Only) 3 x StorageWorks D2700 Enclosures with 56x 500GB 10K SFF SAS drives

### 16x DL460c Blades (Middle Tier)
<table>
<thead>
<tr>
<th>Description</th>
<th>Part Number</th>
<th>Price</th>
<th>Unit Price</th>
<th>Qty</th>
<th>Extended Price</th>
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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, please 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.

Three-Year Cost of Ownership: USD $544,967

tpmC Rating: 803,068

$ / tpmC: USD 0.68

Note 1: Discount based on HP Direct.
Note 2: The benchmark results were audited by Lanza Longoria of Performance Metrics.
Numerical Quantities Summary for
HP ProLiant DL380 G7

MQTH, Computed Maximum Qualified Throughput 803,068 tpmC

Response Times (in seconds)

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<tr>
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<th>90th %-ile</th>
<th>Maximum</th>
<th>Average</th>
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<td>15.69s</td>
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<td>Order-Status</td>
<td>0.56s</td>
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<tr>
<td>Delivery (interactive)</td>
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<td>Delivery (deferred portion)</td>
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<td>Menu</td>
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Response time delay added for emulated components 0.1 seconds

Transaction Mix, in percent of total transactions

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Keying/Think Times

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Test Duration

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<td>Measurement interval</td>
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<td>Transactions during measurement interval</td>
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<td>Ramp down time</td>
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Checkpointing

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<td>Checkpoint Interval</td>
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