HP ProLiant DL370 G6: #1 2P on TPC-C

- #1 2-processor TPC-C performance

Solid 2-socket performance leadership on TPC-C benchmark

The DL370 G6 holds the number one two-socket result on the TPC-C benchmark. In addition, the DL370 G6 holds the #2 two-socket performance record.

HP ProLiant DL370 G6 holds top two leadership positions for lowest cost two-processor servers on TPC-C benchmark

The HP ProLiant DL370 G6 established the top two records for the lowest cost performance among two-processor servers listed on the TPC website.

Business outcomes

With leadership benchmark records in performance and price/performance, the DL370 G6 server shows its capability to enable customers to accelerate business growth, lower costs, and mitigate risk while delivering outstanding investment protection, making it the BEST PLATFORM in its class for their business applications.

661,475 tpmC@$1.16 USD/tpmC in just 4U of rack space

In the two-processor server class, the DL370 G6 holds the #1 overall and also the #2 overall performance and price/performance records on the TPC-C benchmark.

What are the benefits of using the HP ProLiant DL370 G6 for online transaction processing applications?

The HP ProLiant DL370 G6 with the latest quad-core Intel Xeon processors has been designed as an excellent OLTP server. The HP ProLiant DL370 G6 is an ideal platform with its balanced architecture and ample expandability in drives, I/O, and memory.

The Tier One competitors have no posted results with comparable up-to-date processors. Customers can benefit greatly from having performance information available for purchase decisions. HP strives to maintain current results on the most important benchmarks for customers.

Test results as of 02/01/2010. For more details, please visit: http://www.tpc.org.
The HP ProLiant DL370 G6 (4U rack optimized) server delivers industry-leading management tools, leading performance, expandability, flexibility and the latest energy efficient technologies. The HP ProLiant DL370 G6 has been optimized for virtualization, consolidation, and 3D rendering environments. It is well-suited for deployment in growing businesses, remote office sites, or datacenters, and has been designed to bring you (our customer) the utmost confidence to run your business.

The HP ProLiant DL370 G6 offers enhanced power management, support for power monitoring, regulation, and capping. The HP ProLiant DL370 G6 delivers more power for your needs with the highest efficiency in the industry, meeting Climate Savers Computing Gold, 80PLUS Gold, and setting standards for Energy Star for Servers.

### TPC-C Benchmark configuration

The HP ProLiant DL370 G6 was configured with 2 Quad-Core Intel Xeon W5580 3.2-GHz processors (2 processors/8 cores /16 threads), and 144 GB PC3-8500R (18 x 8 GB) main memory. The server was running Microsoft SQL Server 2005 Enterprise Edition x64 SP2 database and Windows Server 2008 Enterprise Edition x64 SP2 operating system. The DL370 G6 server was configured with a SMART Array P410i SAS RAID Controller, 13 SMART Array P411 SAS RAID Controllers, 1 FC1242Sr PCI-E DC HBA, and 2 X 72GB 15K SFF SAS Drives in internal bays, and 1 x 600-2705 Seven-Slot PCI Express. The system was connected to 3 HP 5642 Racks containing 52 X MSA 70 StorageWorks Enclosures with 25 X 72 GB 15K SFF SAS Drives each and 1 x MSA 2324fc StorageWorks Enclosure with 16 X 146GB 15K SFF SAS 6G Drives, and 1 x MSA 70 StorageWorks Enclosure with 16 X 146GB 15K 6G SFF SAS drives. System availability date is 02/02/10.

### What TPC-C measures

The TPC-C benchmark simulates an Online Transaction Processing (OLTP) database environment. The performance of a system is measured when the system is tasked with processing numerous short business transactions concurrently. The TPC-C workload simulates a tiered environment wherein users interact with web pages to enter business transactions. Transactions are entered by simulated users, business logic and queuing of the transactions are handled by a middle tier server, and then the transactions are passed to the TPC-C database server for processing. For more details, see [ftp://ftp.hp.com/pub/c-products/servers/benchmarks/HP_ProLiant_tpcc_Overview.pdf](ftp://ftp.hp.com/pub/c-products/servers/benchmarks/HP_ProLiant_tpcc_Overview.pdf).

TPC Disclosure: A full disclosure report describing these benchmark results can be downloaded from the TPC web site at [http://www.tpc.org](http://www.tpc.org). The intent of this disclosure is to simplify comparison between results and for a customer to be able to replicate the results of this benchmark given appropriate documentation and products. Results as of 02-01-10.

<table>
<thead>
<tr>
<th>System: processors/cores/threads</th>
<th>tpmC</th>
<th>USD$/tpmC</th>
<th>Availability</th>
<th>Database</th>
<th>OS</th>
</tr>
</thead>
<tbody>
<tr>
<td>HP ProLiant DL370 G6 2P QC Intel Xeon W5580 3.2 GHz QC (2 processors/8 cores/16 threads)</td>
<td><strong>661,475</strong></td>
<td>$1.16 USD</td>
<td>02/01/10</td>
<td>Microsoft SQL Server 2005 Enterprise x64 Edition SP2</td>
<td>Microsoft Windows Server 2008 Enterprise x64 Edition SP2</td>
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<tr>
<td>HP ProLiant DL370 G6 2P QC Intel Xeon X5570 2.93 GHz (2 processors/8 cores/16 threads)</td>
<td><strong>631,766</strong></td>
<td>$1.08 USD</td>
<td>03/30/09</td>
<td>Oracle Database 11g Standard Edition One</td>
<td>Oracle Enterprise Linux</td>
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</tbody>
</table>

### Technology for better business outcomes

To learn more, visit [www.hp.com/servers/proliantdl370](http://www.hp.com/servers/proliantdl370)

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