



# New HP ProLiant DL370 G6

## 1<sup>st</sup> 2P to break 600K tpmC



### HP Leadership

## Record breaking 2P TPC-C Leadership HP ProLiant DL370 G6



### Customer Value

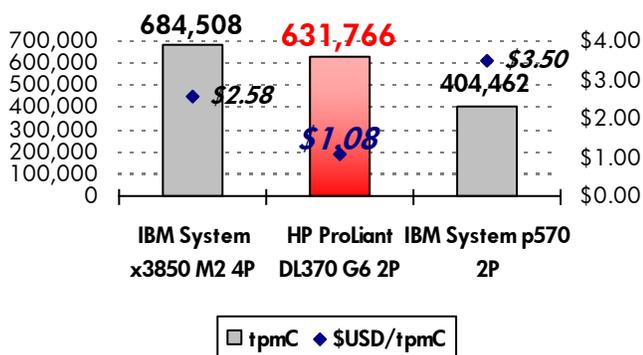
#### What are the benefits of using HP ProLiant servers for online transaction processing?

HP announced record-breaking results on the TPC-C benchmark for the new HP ProLiant DL370 G6 on March 30, 2009. This latest result is one of many historical world record results that have been achieved by ProLiant servers on the TPC-C benchmark. HP posts a very large number of results on the TPC-C benchmark, regularly updating benchmark standings on top selling rack, tower, and blade servers. This shows the HP commitment to providing information that customers need for sizing decisions. More information about TPC-C results can be found at the following Web page: <http://www.tpc.org>. Results as of 03-30-09.

### Key Points

- #1 2P TPC-C performance
- At well over a half million tpmC, performance 2x faster than 2P G5
- 56% better performance than 2P IBM p570 with IBM Power6 processors
- < 10% difference in performance from top 4P IBM System x3850 M2
- < half the cost per tpmC (USD) versus previous top 2P and current top 4P

Figure 1. DL370 G6 is first 2P server to break 600K tpmC



System: processors/cores/threads	tpmC	USD\$/tpmC	Availability	Database	OS
<b>HP ProLiant DL370 G6 2P QC</b> <b>Intel Xeon X5570 2.93 GHz</b> <b>(2 processors/8 cores/16 threads)</b>	<b>631,766</b>	<b>\$1.08 USD</b>	<b>03/30/09</b>	<b>Oracle 11G Standard Edition</b>	<b>Oracle Enterprise Linux</b>
IBM System p 570 DC IBM POWER6 - 4.7 GHz (2 processors/4 cores/8 threads)	404,462	\$3.50 USD	11/26/07	Oracle Database 10g Enterprise Edition	IBM AIX 5L V5.3
IBM System x3850 M2 4P 6-core Intel Xeon X7350 2.93 GHz (4 processors/24 cores/24 threads)	684,508	\$2.58 USD	10/31/08	Microsoft SQL Server 2005 Enterprise x64 Edition	Microsoft Windows Server 2003 Enterprise x64 Ent. R2

### Technology for better business outcomes

**Additional configuration data:** The DL370 G6 was configured with 144 GB DDR3 (18 x 8 GB) memory, 1 HP StorageWorks FC1242SR 4Gb PCI-E DC HBA connected to an HP2324fc DC Modular Smart Array containing 24 146GB 10k rpm Dual Port SFF SAS drives for the log files, 4 Smart Array P411 SAS RAID controllers and 4 HP StorageWorks FC1242SR 4Gb PCI-E DC HBA containing 1184 SFF 15K rpm 36 GB SAS drives housed in 8 HP 2324fc DC Modular Smart Arrays and 40 HP StorageWorks MSA-70 enclosures. The internal drive bays which housed the operating system drives were connected to the embedded P410i controller.

**TPC information:** A full disclosure report has been filed with the Transaction Processing Performance Council (TPC) and is available upon request. The full disclosure report describes the benchmark hardware and software configuration in detail, provides costs, and lists the code actually used to perform the test. Similar reports from other vendors are the source of the price/performance comparisons provided above. Summaries of all tests are published each month by the TPC. Summaries are also posted on the Internet on the TPC's World Wide Web Server. With these benchmarks, customers can objectively compare the performance of different vendors' servers in specific areas such as database throughput in transactions per minute (tpmC) and cost per transactions per minute (\$/tpmC).

**For more information:** [www.hp.com/servers/dl370-g6](http://www.hp.com/servers/dl370-g6); [www.hp.com/go/serial](http://www.hp.com/go/serial); [www.hp.com/servers/benchmarks](http://www.hp.com/servers/benchmarks); [ftp://ftp.compaq.com/pub/products/servers/benchmarks/HP\\_ProLiant\\_tpcc\\_Overview.pdf](http://ftp.compaq.com/pub/products/servers/benchmarks/HP_ProLiant_tpcc_Overview.pdf)

