HP ProLiant DL360 G5 with Quad-Core Intel® Xeon® X5460 processors takes two #1 records on SPEC® CPU2006 benchmark

Best Selling 1U

Key results at a glance:

The ProLiant DL360 G5 with Intel Xeon X5460 processors achieved two new records on the SPEC® CPU2006 benchmark:

- **#1 SPECint®_base2006 (24.1) and**
- **#1 SPECint®2006 (27.6)**

HP announced its worldwide performance records for the SPEC CPU2006 benchmarks on November 13, 2007. The HP ProLiant DL360 G5 equipped with the new Intel X5460 processors provide up to 14% performance improvement over a server running the Intel X5365 processors[1] and up to a 22% improvement over a server running dual-core Intel X5160 processors[2], enabling the DL360 G5 to take these records.

These performance records show the exceptional performance that the ProLiant DL360 G5 enables on integer based compute-intensive applications.

All ProLiant and competitor SPEC CPU2006 results and configurations can be found at the SPEC web site at: www.spec.org.

Performance: One reason why the HP ProLiant DL360G5 is the best selling 1U server

Leading performance results are just some of the reasons the HP ProLiant DL360G5 is the best selling 1U server in the industry. Combining concentrated 1U compute power, integrated Lights-Out management, and essential fault tolerance, the DL360 is optimized for space constrained installations. Quad-core and Dual-core Xeon processors, DDR2 Fully Buffered DIMMs, Serial Attached SCSI (SAS) and PCI Express technology provide a high performance system ideal for the full range of scale out applications. Additionally, the DL360 G5 steps up the fault tolerance in an ultra dense platform with redundant power, redundant fans, mirrored memory or online spare memory, embedded RAID capability, and full-featured remote Lights-Out management.

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[1] Supermicro X7DB8+, 3.0GHz Intel Xeon X5365, 8 cores, 2 chips, 4 cores/chip. SPECint_base2006. Result 21.1.
[2] NEC Express5800/120Rg-1, 3.0 GHz Intel Xeon 5160, 4 cores, 2 chips, 2 cores/chip. SPECint_base2006. 19.1.

About SPEC CPU2006

SPEC CPU2006 was developed by SPEC's Open Systems Group (OSG). It measures component- and system-level performance for a wide variety of operating systems and hardware that ranges from desktop systems to workstations to large-scale servers. SPEC CPU2006 replaces SPEC CPU2000, which was phased out. Performance results from SPEC CPU2006 cannot be compared to those from CPU2000, since new benchmarks have been added and existing ones changed.

What the benchmark measures

SPEC CPU2006 includes two benchmark suites: CINT2006 for measuring compute-intensive integer performance and CFP2006 for compute-intensive floating point performance.

For more information

HP ProLiant DL360 G5: www.hp.com/servers/dl360

HP ProLiant storage solutions: www.hp.com/go/serial

ProLiant benchmarks: www.hp.com/servers/benchmarks

SPEC CPU2006 Overview White Paper:
ftp://ftp.compaq.com/pub/products/servers/benchmarks/SPEC_CPU2006_Overview_101907.pdf

 The competitive benchmark results stated herein reflect results published on www.spec.org as of November 13, 2007.

Appendix A

Configuration of HP ProLiant DL360 G5 overall SPECint_base2006

ProLiant DL360 G5. 3.16GHz Intel Xeon X5460. 8 cores, 2 chips, 4 cores/chip. Result: 24.1.

Configuration of HP ProLiant DL360 G5 overall SPECint_2006

ProLiant DL360 G5. 3.16GHz Intel Xeon X5460. 8 cores, 2 chips, 4 cores/chip. Result: 27.6.

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