



HP Integrity rx8640 Server sets #1 8p/16c 1TB TPC-H performance benchmark record with HP-UX 11i v2 and Oracle® 10g Enterprise Edition

The new HP Integrity rx8640 Server:



Superior performance

- #1 8p/16c performance result on TPC-H 1TB benchmark
- Almost 8% faster performance and 35% lower price/performance than IBM p5 570
- 8X faster performance and 1.5X lower price/performance than Sun SunFire V880

A full-disclosure report describing these benchmark results has been filed with the Transaction Processing Performance Council (TPC) and is available upon request. This report describes the benchmark HW and SW 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 and on the TPC's Web site. With these benchmarks, customers can objectively compare the performance of different vendors' servers in specific areas.

Combined with the processor-enhancing capabilities of HP's Super-Scalable Processor Chipset sx2000, the HP Integrity rx8640 Server delivers outstanding performance, scalability, and simplified management at an exceptional value. With its latest TPC-H benchmark, announced in August 2006, the HP Integrity rx8640 Server with the dual-core Intel® Itanium® 2 processor demonstrates a superior level of performance, functionality, and value within enterprise-class midrange servers. The result, **27,143 QphH, at an outstanding price/performance of \$36.00/QphH, is the #1 8p/16c 1TB TPC-H result across all operating systems and database environments.**

Figure 1. The HP Integrity rx8640 8p/16c Server with dual-core Itanium 2 processor defeats all competitive 8p results.

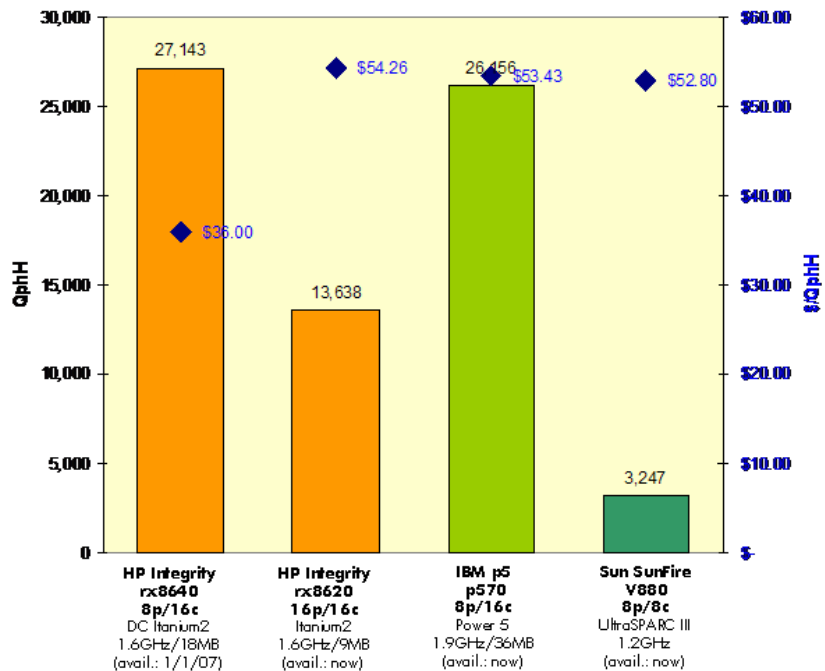


Table 1. Configurations of HP Integrity rx8640 Server competitors

HP Integrity rx8640 Server. 27,143 QphH@1TB, \$36.00/QphH@1TB. Available January 1, 2007.

8 processors/16 cores/32 threads. Itanium 2 dual-core 1.6 GHz processor. 18 MB cache. 128 GB RAM. HP-UX 11i v2 and Oracle 10g Enterprise Edition.

IBM p5 p570. 26,454 QphH@1TB, \$53.43/QphH@1TB. Available now.

8 processors/16 cores/32 threads. IBM Power 5 dual-core 1.9 GHz. 36 MB cache. AIX 5.3 and DB2 8.2. **The Integrity rx8640 Server is almost 8% faster and 35% cheaper!**

Sun SunFire V880. 3,247 QphH@1TB, \$52.80/QphH@1TB. Available now.

8 processors/8 cores/8 threads. Sun UltraSPARC 1.2 GHz. Solaris 10 and Sybase IQ 12.5. **The Integrity rx8640 Server is 8X faster and 1.5X cheaper!**

For more information, please refer to HP Integrity rx8640 Server at: <http://h20341.www2.hp.com/integrity/cache/340168-0-0-225-121.html>
 TPC-H results valid as of September 1, 2006. Complete results can be found at www.tpc.org

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