



HP Integrity rx8640 Server sets #1 16p 1TB TPC-H performance benchmark record with Microsoft® Windows® Server 2003 and SQL Server 2005

The new HP Integrity rx8640 Server:

Superior performance

- #1 overall 16p performance result on TPC-H 1TB benchmark
- Almost twice as fast in performance as the Bull NovaScale 5160 16p
- 45% better than NEC's 32p Windows result—while reducing price/performance by 60%

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 Web site. With these benchmarks, customers can objectively compare the performance of different vendors' servers in specific areas.

Scalability doubles while cutting price/performance in half!



Combined with the processor-enhancing capabilities of the HP 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 July 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, 33,488 QphH, at an outstanding price/performance of \$27.00/QphH, is the #1 16p 1TB TPC-H result across all operating systems and database environments.

Figure 1. The HP Integrity rx8640 16p/32c Server with dual-core Intel Itanium 2 processor, defeats the Bull NovaScale 5160 16-processor and the NEC Express5800 32-processor single-core Itanium 2 servers.

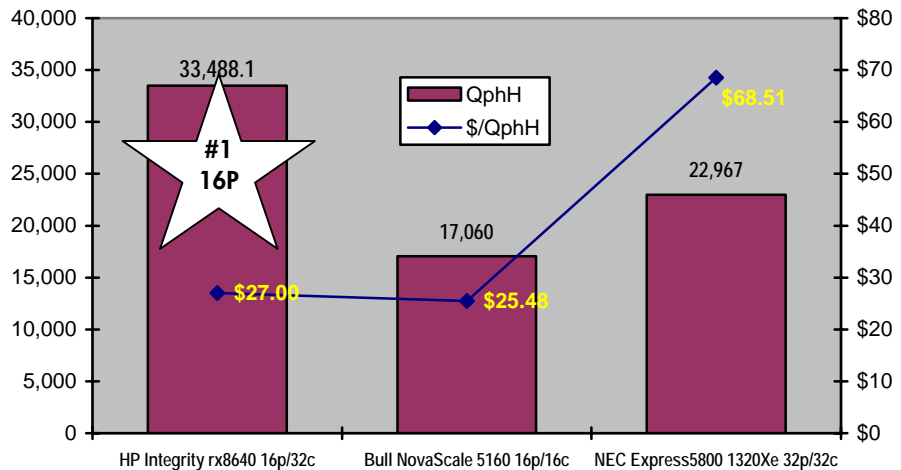




Table 1. Configurations of Integrity rx8640 Server competitors

HP Integrity rx8640 Server. 33,488.1 QphH@1TB, \$27.00/QphH@1TB. Available October 1, 2006.

16 processors/32 cores/64 threads. Dual-core Intel Itanium 2 1.6 GHz processor. 24 MB cache. 128 GB RAM. Microsoft Windows 2003 Datacenter Edition SP1 and Microsoft SQL Server 2005 Enterprise Edition for Itanium-based Systems SP1.

Bull NovaScale 5160. 17,060 QphH@1TB, \$25.48/QphH@1TB. Available May 8, 2006.

16 processors/16 cores/16 threads. Intel Itanium 2 1.6 GHz processor. 6 MB L3 cache, 64 GB RAM. Microsoft Windows Server 2003 Datacenter Edition and Microsoft SQL Server 2005 Enterprise Edition 64-bit. **The Integrity rx8640 Server is almost twice as fast!**

NEC Express5800/1320Xe. 22,967 QphH@1TB, \$68.51/QphH@1TB. Available December 7, 2005.

32 processors/32 cores/32 threads. Intel Itanium 2 1.6 GHz processor. 9 MB L3 cache. 128 GB RAM. Microsoft Windows Server 2003 Datacenter Edition 64-bit and Microsoft SQL Server 2005 Enterprise Edition 64-bit. **The Integrity rx8640 Server is 45% faster at 60% less cost!**

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 July 24, 2006. Complete results can be found at www.tpc.org

© 2006 Hewlett-Packard Company. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

Microsoft and Windows are U.S. registered trademarks of Microsoft Corporation. Intel and Itanium are trademarks or registered trademarks of Intel Corporation or its subsidiaries in the United States and other countries.