



HP Integrity Superdome sets #1 32P/64C 3 TB TPC-H performance benchmark record with Windows Server 2003 and SQL Server 2005

Scalability doubles while cutting price/performance in half!

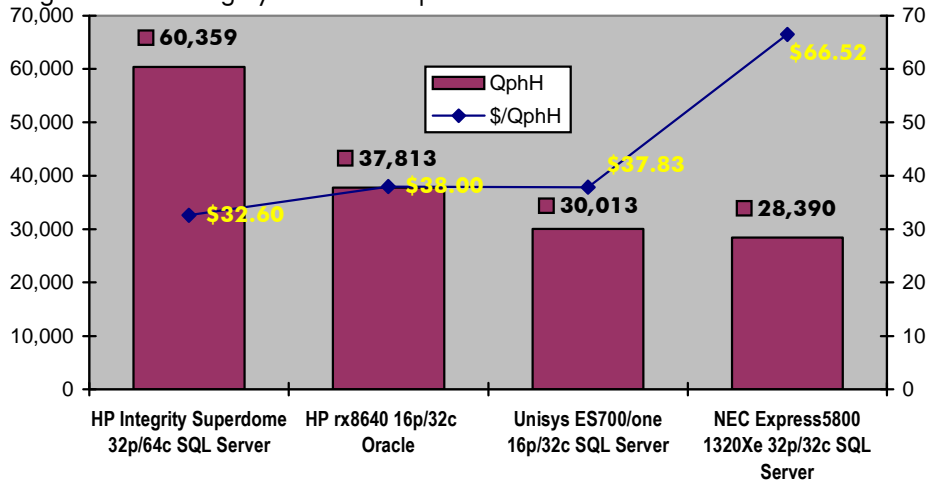


Combined with the processor-enhancing capabilities of HP's Super-Scalable Processor Chipset sx2000, the HP Integrity Superdome delivers outstanding performance, scalability, and simplified management at an exceptional value. With its latest TPC-H benchmark announced in May 2007, the HP Integrity Superdome, with the Dual-Core Intel® Itanium® 2 processor, demonstrates a superior level of performance, functionality, and value within enterprise-class servers.

The result, 60,359 QphH, at an outstanding price/performance of \$32.60/QphH is the #1, 32p/64c 3 TB TPC-H result on the Windows and SQL Server 2005 platform.

Figure 1. The HP Integrity Superdome with 32p/64c Intel Itanium 2, defeats the Bull NovaScale 5160 16-processor AND the NEC Express5800 32-processor single-core Intel Itanium 2 servers.

Configurations of Integrity rx8640 competitors



The HP Integrity Superdome: Superior Performance

- #1 overall 32p/64c 3 TB TPC-H performance with SQL Server 2003
- #1 3 TB TPC-H price/performance with SQL Server 2003 on Itanium servers
- #1 16p/32c performance 3 TB TPC-H with Oracle

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 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.

HP Integrity Superdome 60,395.3 QphH@1 TB, \$32.60/QphH@3 TB. Available 5-21-07.

32 processors/64 cores/64 threads. Dual-Core Intel Itanium 2. 1.6 GHz. 24 MB cache. 256 GB RAM. Microsoft Windows 2003 Datacenter Edition SP2 and Microsoft SQL Server 2005 Enterprise Edition for Itanium-based systems SP2.

HP Integrity rx8640. 37,813 QphH@3 TB, \$38.00/QphH@3 TB. Available 5-14-07

16 processors/32 cores/64 threads. Dual-Core Intel Itanium 2. 1.6 GHz. 24 MB cache. 256 GB RAM. Microsoft Windows 2003 Datacenter Edition SP2 and Oracle database 10gR2 for Windows on Itanium based systems

Unisys ES700/one 30,013 QphH@3 TB, \$37.83/QphH@3 TB. Available 7-18-06

16 processors/32 cores/64 threads. Dual-Core Intel Itanium 2. 1.6 GHz. 24 MB cache. 256 GB RAM. Microsoft Windows Server 2003 Datacenter Edition and Microsoft SQL Server 2005 Enterprise Edition 64-bit. **The Integrity Superdome is almost twice as fast!**

NEC Express5800/1320Xe. 28,390 QphH@3 TB, \$66.52/QphH@3 TB. Available 11-07-05

32 processors/32 cores/32 threads. Intel Itanium 2. 1.6 GHz. 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 Superdome is more than twice as fast!**

For more information, please refer to HP Integrity Superdome at <http://h20341.www2.hp.com/integrity/cache/342254-0-0-0-121.html>. TPC-H results valid as of May 21, 2007. Complete results can be found at <http://www.tpc.org>

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