

IBM delivers best 4-way x86 performance on industry-standard SPECjbb2000 benchmark

March 29, 2005 ... The IBM® eServer® xSeries® 366, using IBM Java2 1.4.2 Runtime Environment, achieved 167,515 operations per second (ops/sec), demonstrating leadership performance for a 4-way x86 server running SPECjbb2000® (Java Business Benchmark), SPEC's first benchmark for evaluating the performance of server-side Java.

The x366 achieved this result using four 64-bit Intel® Xeon™ Processors MP at 3.66GHz with a 1MB L2 cache, 32GB of memory, one 36.4GB Ultra320 SCSI disk drive, and running IBM Java2 1.4.2 Runtime Environment (32-bit) and Microsoft® Windows® Server 2003 Enterprise Edition (32-bit).

The x366 server's score demonstrates the highest performance achieved to date by a 4-way server using x86 architecture. The score is 7 percent higher than the score of 155,780 ops/sec achieved by the Dell PowerEdge 6800/6850, which used four 64-bit Intel Xeon Processors MP at 3.3GHz with 8MB L3 cache, 4GB memory, and one 36GB disk drive. (1)

Results referenced are current as of March 29, 2005. The SPECjbb2000 result has been submitted to SPEC for review. Upon successful review, the result will be posted at www.spec.org, which contains a complete list of published SPECjbb2000 results.

(1) The competitive benchmark score referenced was published in a Dell press release posted March 24, 2005, at:

http://www1.us.dell.com/content/topics/global.aspx/corp/pressoffice/en/2004/2005_03_23_rr_002?c=us&l=en&s=gen

Statements of comparison made above are based on the best SPECjbb2000 scores for these 4-way servers.

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