

IBM posts leadership SPECpower_ssj2008 result for x3200 M2

x3200 M2 delivers highest overall ssj_ops/watt score achieved to date

May 7, 2008 ... IBM® System x™ 3200 M2 server is an affordable, single-processor tower server that has been optimized to provide outstanding availability, manageability, and performance features for small to medium-sized businesses, retail stores, or distributed enterprises.

The x3200 M2 systems include features not typically seen in this class of system, such as standard, hardware-based RAID 0/1, 2.5-inch (SFF) hot-swap SAS drives, and redundant power supplies (on select models). And, the x3200 M2 includes server-class quad- and dual-core Intel® Xeon® processors for applications that require performance and stability; the x3200 M2 also supports Intel Core 2 Duo processors for applications that require the lowest cost.

In recent measurements made with the new SPECpower_ssj2008 benchmark, the x3200 M2 server achieved a Performance to Power Ratio of 1,054 overall ssj_ops/watt. This score beats the current leadership score of 1,018 overall ssj_ops/watt achieved by the Fujitsu Siemens Corporation PRIMERGY TX150 S6 with the Quad-Core Intel Xeon Processor X3360 (2.83GHz, 2x6MB shared L2 cache, and 1333 MHz front-side bus—4 cores/1 chip/4 cores per chip). (1)

The x3200 M2 was configured with the Quad-Core Intel Xeon Processor X3360 (2.83GHz, 2x6MB L2 cache, and 1333 MHz front-side bus—4 cores/1 chip/4 cores per chip) and 4GB of DDR2 PC2-5300 FBD memory and ran IBM Java™ 6 Runtime Environment and Microsoft® Windows® Server 2003 R2 Enterprise x64 Edition SP1. (2)

For information about the SPECpower_ssj2008 benchmark, go to the SPEC Web site at www.spec.org/power_ssj2008/.

(1) The competitive benchmark result cited above is published on www.spec.org as of May 7, 2008. The comparison presented is based on the best overall ssj_ops/watt scores published at SPEC as of May 7, 2008. View all published results at www.spec.org/power_ssj2008/results/power_ssj2008.html.

(2) The x3200 M2 model using the Quad-Core Intel Xeon Processor X3360 (2.83GHz, 12MB L2 cache, and 1333 MHz FSB) is generally available.

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