

IBM posts 2-processor SPECpower_ssj2008 result for x3400 M2

x3400 M2 delivers competitive performance per watt for a 2-socket server

November 17, 2009 ... IBM® has published a 2-processor SPECpower_ssj2008 benchmark result for the IBM System x® 3400 M2 server. Demonstrating solid performance per watt, the x3400 M2 server achieved a Performance to Power Ratio of 1,865 overall ssj_ops/watt on the SPECpower_ssj2008 benchmark.

The x3400 M2 was configured with the Quad-Core Intel® Xeon® Processor E5540 (2.53GHz, 256KB L2 cache per core and 8MB L3 cache per processor—8 cores/2 chips/4 cores per chip) and 8GB of PC3-10600 CL9 ECC DDR3-1333MHz LP UDIMM (4 x 2GB) memory, and ran IBM J9 Java™6 Runtime Environment and Microsoft® Windows® Server 2008 Enterprise x64 Edition SP1. (1)

The new x3400 M2 servers are self-contained, high-performance, tower (or optional rack-mounted) systems designed for Web and business server applications in remote or distributed environments. These 2-processor, 5U servers are highly scalable in configuration, performance, and availability. They meet the requirements of server applications in the small-to-mainstream businesses that need an affordable general-purpose network server.

Result referenced is current as of November 17, 2009, and has been submitted to SPEC® for review. Upon successful review, the result will be posted at www.spec.org. View all published results at www.spec.org/power_ssj2008/results/power_ssj2008.html.

(1) The x3400 M2 as configured for this benchmark will be generally available December 15, 2009.

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