IBM posts SPECpower_ssj2008 score for x3400 M3

x3400 M3 demonstrates outstanding performance per watt for a 2-socket server

February 15, 2011 ... IBM® today announces a SPECpower® benchmark result for the IBM System x® 3400 M3 server. Demonstrating solid performance per watt, the x3400 M3 server achieved a Performance to Power Ratio of 2,891 overall ssj_ops/watt on the SPECpower_ssj®2008 benchmark.

The x3400 M3 was configured with the Intel® Xeon® Processor X5675 (3.06GHz, 256KB L2 cache per core and 12MB L3 cache per processor—12 cores/2 chips/6 cores per chip) and 12GB of PC3L-10600R (6 x 2GB) memory, and ran IBM J9 Java™6 Runtime Environment and Microsoft® Windows® Server 2008 R2 Enterprise x64 Edition. (1)

The System x3400 M3 servers are self-contained, high-performance, 5U tower (optional rack-mounted) systems designed for Web and business server applications in remote or distributed environments. These servers are highly scalable in configuration, performance, and availability. They are flexible tower models that deliver the best blend of power, manageability, expandability, and serviceability. They meet the requirements of server applications in small-to-medium businesses that need an affordable general-purpose network server. These servers fit into business environments where tower configurations are required.

Result referenced is current as of February 15, 2011, 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 M3 using the Intel Xeon Processor X5675 will be generally available March 15, 2011. The x3400 M3 as configured for this benchmark will be available March 15, 2011.
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