IBM posts SPECpower_ssj2008 score for System x3630 M4

IBM System x3630 M4 demonstrates competitive performance and power efficiency

May 14, 2012 ... IBM® today announces a SPECpower® benchmark result for the IBM System x3630 M4 server. Demonstrating exceptional performance per watt, the x3630 M4 server achieved a Performance to Power Ratio of 4,821 overall ssj_ops/watt on the SPECpower_ssj®2008 benchmark.

Using the new Intel® Xeon® Processor E5-2470, the x3630 M4 has demonstrated that it can deliver competitive performance and reduce energy consumption.

The x3630 M4 was configured with the Intel Xeon Processor E5-2470 (2.3GHz, 20MB L3 cache per processor—16 cores/2 chips/8 cores per chip) and 24GB of PC3L-10600E (6 x 4GB) memory and ran IBM J9 Java™7 Runtime Environment and Microsoft® Windows® Server 2008 R2 Enterprise x64 Edition Service Pack 1. (2)

The IBM System x3630 M4 is a value, two-socket, 2U rack server designed for performance and uptime for business applications and cloud deployments. The x3630 M4 is available in a value model with up to 8 3.5" drives, or a storage-dense model with up to 14 3.5" drives that offers the lowest cost per terabyte in the System x portfolio. The x3630 M4 features energy-smart design with powerful high-performance Intel Xeon processors up to 8-cores, a large capacity of high-performing DDR3 memory, and superior management features. Up to any IT challenge, the x3630 M4 is optimized for cost, performance, and flexibility.

Result referenced is current as of May 14, 2012, and has been submitted to SPEC® for review. Upon successful review, the result will be posted at http://www.spec.org. View all published results at http://www.spec.org/power_ssj2008/results/power_ssj2008.html.

(1) The x3630 M4 model using the Intel Xeon Processor E5-2470 is planned to be generally available June 4, 2012. The x3650 M4 as configured for this benchmark will be available June 4, 2012.

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