IBM posts SPECpower_ssj2008 score for the IBM System x3500 M4

IBM System x3500 M4 demonstrates competitive performance and power efficiency

September 10, 2013 ... IBM® today announces a SPECpower® benchmark result for the IBM System x3500 M4 server. Demonstrating exceptional performance per watt, the x3500 M4 server achieved the following performance to power ratio on the SPECpower_ssj™2008 benchmark

- 7,385 overall ssj_ops/watt

Using the new Intel® Xeon® Processor E5-2660 v2, the x3500 M4 has demonstrated that it can deliver outstanding performance and reduce energy consumption.

The x3500 M4 was configured with the Intel Xeon Processor E5-2660 v2 (2.2 GHz, 25 MB L3 cache per processor—20 cores/2 chips/10 cores per chip) and 32 GB of memory and ran IBM J9 Java™7 Runtime Environment and Microsoft® Windows® Server 2012 Datacenter x64 Edition. (1)

The IBM System x3500 M4 is a versatile all-in-one dual-socket server that fits desk-side or in a rack enclosure. Designed for business critical applications, including analytics, cloud computing, SAP, and data management, it delivers the best blend of power, manageability, expandability and serviceability. The x3500 M4 can also be used as a retail store controller at a branch office, a distributed file/print server, or an all-in-one server for a remote office or business. It meets the requirements of server applications in the small-to-mainstream businesses that need an affordable, general-purpose server.

Result referenced is current as of September 10, 2013, 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 http://www.spec.org/power_ssj2008/results/power_ssj2008.html.

(1) The x3500 M4 model using the Intel Xeon Processor E5-2660 v2 is planned to be generally available October 11, 2013. The x3500 M4 as configured for this benchmark will be available December 9, 2013.