

IBM posts SPECpower score for IBM System x iDataPlex dx360 M4

IBM System x iDataPlex dx360 M4 demonstrates superior power efficiency with performance per watt

September 10, 2013 ... IBM® today announces a SPECpower® benchmark result for the IBM System x® iDataPlex™ dx360 M4 server. Demonstrating exceptional performance per watt, the dx360 M4 server achieved the following performance to power ratio on the SPECpower_ssj™2008 benchmark:

- 7,548 overall ssj_ops/watt.

Using the Intel® Xeon® Processor E5-2660 v2 (95W), the dx360 M4 has demonstrated that it can deliver outstanding performance and reduce energy consumption in the data center.

The dx360 M4 was configured with the Intel Xeon Processor E5-2660 v2 (2.2 GHz with 25 MB L3 cache per processor—2 chips/20 cores/10 cores per chip), 24 GB of memory, and IBM J9 Java 7 (using a 1500 MB heap), and Microsoft® Windows® Server 2012 Datacenter Edition. (1)

The IBM System x iDataPlex is a half-depth server that delivers high performance with exceptional energy-efficiency and price/performance that lowers total cost of ownership. IBM System x iDataPlex is a dense computing solution for clients who find limitations in their scale-out computing environments. IBM delivers customized solutions that help reduce overall data center costs and address the business-growth challenges in the massive scale-out marketplace. iDataPlex incorporates innovative server designs that integrate Intel processor-based technology at the node, rack and data center levels with efficiency in mind.

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 www.spec.org/power_ssj2008/results/power_ssj2008.html.

(1) The dx360 M4 model using the Intel Xeon Processor E5-2660 v2 is planned to be generally available October 11, 2013. The dx360 M4 as configured for this benchmark will be available December 9, 2013.

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