IBM posts leadership SPECpower score for dx360 M4

dx360 M4 demonstrates superior power efficiency with leadership performance per watt

March 6, 2012 ... IBM® today announces a leadership SPECpower® benchmark result for the IBM System x® iDataPlex® dx360 M4 server. Demonstrating exceptional performance per watt, the dx360 M4 server achieved a Performance to Power Ratio of 5,043 overall ssj_ops/watt on the SPECpower_ssj®2008 benchmark.

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

The dx360 M4 was configured with the Intel Xeon Processor E5-2660 (2.2GHz with 20MB L3 cache per processor—2 chips/16 cores/8 cores per chip), 24GB of memory, one 200GB solid state drive, and IBM J9 Java™ 7 (using a 1500MB heap), and Microsoft® Windows® Server 2008 R2 Enterprise Edition SP1. (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 the next-generation 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 March 6, 2012, 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 is planned to be generally available April 16, 2012. The dx360 M4 as configured for this benchmark will be available April 16, 2012.