IBM posts SPECpower_ssj2008 result for new-generation x3550 M2

x3550 M2 delivers competitive performance per watt for a 2-socket server

May 15, 2009 ... IBM® has published a SPECpower_ssj2008 benchmark score for the IBM System x® 3550 M2 server. Demonstrating exceptional performance per watt, the x3550 M2 server achieved a Performance to Power Ratio of 1,892 overall ssj_ops/watt on the SPECpower_ssj2008 benchmark.

The x3550 M2 was configured with the Quad-Core Intel® Xeon® Processor X5570 (2.93GHz, 256KB L2 cache per core, 8MB L3 cache per processor—8 cores/2 chips/4 cores per chip) and 8GB of memory and ran IBM J9 Java™6 Runtime Environment and Microsoft® Windows® Server 2008 Enterprise x64 Edition. (1)

The new x3550 M2 is a 2-socket, 1U rack server built with innovative IBM X-Architecture® that leverages Intel's Quick Path Interconnect (QPI) technology. Featuring power-optimized, high-performance with the latest Intel Xeon 5500 Series quad-and dual-core processor technology and a leadership, energy-efficient design with integrated advanced functionality, the x3550 M2 is designed for single or multiple business-critical applications hosting and virtualized, non-blade environments.

Result referenced is current as of May 15, 2009, 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 benchmarked system configuration is planned to be generally available June 30, 2009.