

IBM posts leadership 2-processor SPECpower_ssj2008 result for new-generation x3650 M2

x3650 M2 delivers leadership performance per watt for a 2-socket server

March 30, 2009 ... IBM® has published a leadership 2-processor SPECpower_ssj2008 benchmark result for the IBM System x® 3650 M2 server. Demonstrating leadership performance per watt, the x3650 M2 server achieved a Performance to Power Ratio of 1,860 overall ssj_ops/watt on the SPECpower_ssj2008 benchmark,

The x3650 M2 was configured with the Quad-Core Intel® Xeon® Processor X5570 (2.93GHz, 256KB L2 cache per core and 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 x3650 M2 is a 2-socket, 2U rack server built with innovative IBM X-Architecture® that leverages Intel Quick Path Interconnect (QPI) and Turbo Boost technology. Featuring power-optimized, high-performance with the latest Intel Xeon 5500 Series quad-core processor technology and a leadership, energy-efficient design with integrated advanced functionality, the x3650 M2 is designed for single or multiple commercial-applications hosting and virtualized, non-blade environments.

Result referenced is current as of March 30, 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 x3650 M2 using the Quad-Core Intel Xeon Processor X5570 is planned to be generally available April 30, 2009. The benchmarked system configuration is planned to be generally available June 30, 2009.

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