

## **IBM posts SPECpower\_ssj2008 score for x3550 M3**

*x3550 M3 demonstrates more than 8% improvement in power efficiency over previous-generation 2-processor score*

April 25, 2011 ... IBM® today announces a SPECpower® benchmark result for the IBM System x® 3550 M3 server. Demonstrating exceptional performance per watt, the x3550 M3 server achieved a Performance to Power Ratio of 3,093 overall ssj\_ops/watt on the SPECpower\_ssj®2008 benchmark.

Using the new Intel® Xeon® Processor X5675, the x3550 M3 has demonstrated that it can deliver outstanding performance and reduce energy consumption. Compared to its previous-generation 2-processor score of 2,843, the x3550 M3's new score represents a power-efficiency improvement of 8.8%. (1)

The x3550 M3 was configured with the Intel Xeon Processor X5675 (3.06GHz, 256KB L2 cache per core, 12MB L3 cache per processor—12 cores/2 chips/6 cores per chip) and 12GB of memory and ran IBM J9 Java™6 Runtime Environment and Microsoft® Windows® Server 2008 R2 Enterprise x64 Edition. (2)

The IBM System x3550 M3 is a 2-socket, 1U rack server that features power-optimized, high-performance with the latest Intel Xeon multi-core processor technology and QuickPath Interconnect (QPI). An energy-efficient design with integrated advanced functionality makes the x3550 M3 ideal for single or multiple business-critical applications hosting and virtualized, non-blade environments.

Result referenced is current as of April 25, 2011, and has been submitted to SPEC® for review. Upon successful review, the result will be posted at [www.spec.org](http://www.spec.org). View all published results at [http://www.spec.org/power\\_ssj2008/results/power\\_ssj2008.html](http://www.spec.org/power_ssj2008/results/power_ssj2008.html).

(1) The x3550 M3 was configured with the Intel Xeon Processor X5670 (2.93GHz, 256KB L2 cache per core, 12MB L3 cache per processor—12 cores/2 chips/6 cores per chip) and 12GB of memory, IBM J9 Java™6 Runtime Environment, and Microsoft® Windows® Server 2008 R2 Enterprise x64 Edition. The score was published March 16, 2010.

(2) The x3550 M3 as configured for this benchmark is generally available.

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