

IBM posts SPECpower_ssj2008 score for x3620 M3 server

x3620 M3 delivers solid power efficiency and performance

May 18, 2010 ... IBM® today announces a SPECpower® benchmark result for the IBM System x® 3620 M3 server. The x3620 M3 server achieved a Performance to Power Ratio of 2,674 overall ssj_ops/watt on the SPECpower_ssj®2008 benchmark. Using the Intel® Xeon® Processor X5670, the x3620 M3 has demonstrated that it can deliver solid performance and reduce energy consumption.

The x3620 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 PC3-10600R (6 x 2GB) memory and ran IBM Java™6 Runtime Environment and Microsoft® Windows® Server 2008 R2 Enterprise x64 Edition. (2)

The new System x3620 M3 servers deliver Intel Xeon multicore power and excellent server functionality in a 2-socket, ultrathin, rack-optimized, 2U footprint. These server models offer new levels of fast Intel Xeon multicore processors with up to 6.4 GT/s and lower power for datacenter environments and collaboration applications. These servers are uniquely optimized for better application computing with a highly functional chipset and 12 DIMM slots for a maximum of 96GB of fully buffered DDR3 SDRAM Registered DIMM memory. The x3620 M3 is suitable for mid-market and SMB rack clients looking to optimize their IT budgets, and is designed for single or multiple general business application hosting and virtualized, non-blade environments.

Result referenced is current as of May 18, 2010, 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 http://www.spec.org/power_ssj2008/results/power_ssj2008.html.

(1) The x3620 M3 model using the Intel Xeon X5670 processor is planned to be generally available June 8, 2010. The x3620 M3 as configured for this benchmark will be available June 8, 2010.

IBM and System x are registered trademarks of IBM Corporation.

Intel and Xeon are trademarks or registered trademarks of Intel Corporation.

Java and all Java-based trademarks are trademarks of Sun Microsystems, Inc. in the United States, other countries, or both.

Microsoft and Windows are registered trademarks of Microsoft Corporation in the United States, other countries, or both.

SPEC, SPECpower and SPECpower_ssj are registered trademarks of the Standard Performance Evaluation Corporation (see <http://www.spec.org/spec/trademarks.html> for all SPEC trademarks and service marks).

All other company/product names and service marks may be trademarks or registered trademarks of their respective companies.