

IBM posts SPECpower_ssj2008 score for x3630 M3 server

x3630 M3 delivers solid power efficiency and performance

August 31, 2010 ... IBM® has published a SPECpower® benchmark result for the IBM System x® 3630 M3 server. The x3630 M3 server achieved a Performance to Power Ratio of 2,550 overall ssj_ops/watt on the SPECpower_ssj®2008 benchmark. Using the Intel® Xeon® Processor X5670, the x3630 M3 has demonstrated that it can deliver solid performance and reduce energy consumption.

The x3630 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 PC3L-10600R (6 x 2GB) memory and ran IBM J9 Java™6 Runtime Environment and Microsoft® Windows® Server 2008 R2 Enterprise Edition. (2)

The new System x3630 M3 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. This server is uniquely optimized for better application computing with a highly functional chipset and twelve DIMM slots for a maximum of 96 GB of ECC DDR3 SDRAM. The IBM System x3630 M3 is a 2U, dual-socket rack server designed for single or multiple general-business application hosting and virtualized non-blade environments.

Result referenced is current as of August 31, 2010. The result is posted at www.spec.org. View all published results at http://www.spec.org/power_ssj2008/results/power_ssj2008.html.

(1) The x3630 M3 model using the Intel Xeon X5670 processor is planned to be generally available September 15, 2010. The x3630 M3 as configured for this benchmark will be available September 15, 2010.

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