

IBM posts SPEC CPU2006 scores for System x3630 M4

IBM System x3630 M4 delivers competitive processor performance for compute-intensive applications

May 14, 2012 ... IBM® today announces SPEC® CPU2006 benchmark scores for the IBM System x3630 M4 server using the eight-core Intel® Xeon® Processor E5-2470.

The x3630 M4 delivered competitive scores using two Intel Xeon E5-2470 processors (2.3GHz, 20MB L3 cache per processor—2 processors/16 cores/32 threads), 96GB of DDR3 PC3-12800R memory, and Red Hat Enterprise Linux® Server Release 6.2 x64. (1)

The scores in the following table are the first SPEC CPU2006 results published for this x3630 M4 processor model.

SPEC CPU2006 benchmark	Intel Xeon Processor E5-2470 – 2.3GHz (8-core)
SPECint®2006	49.3
SPECint_base2006	46.1
SPECint_rate2006	572
SPECint_rate_base2006	550
SPECfp®2006	76.5
SPECfp_base2006	72.8
SPECfp_rate2006	407
SPECfp_rate_base2006	395

The IBM System x3630 M4 is a value, two-socket, 2U rack server designed for performance and uptime for business applications and cloud deployments. The x3630 M4 is available in a value model with up to 8 3.5" drives, or a storage-dense model with up to 14 3.5" drives that offers the lowest cost per terabyte in the System x portfolio. The x3630 M4 features energy-smart design with powerful high-performance Intel Xeon processors up to 8-cores, a large capacity of high-performing DDR3 memory, and superior management features. Up to any IT challenge, the x3630 M4 is optimized for cost, performance, and flexibility.

Results are current as of May 14, 2012. The scores have been submitted to SPEC for review and will be posted on their Web site upon successful completion of the review. View all published results at <http://www.spec.org/cpu2006/results/>.

(1) The x3630 M4 model using the Intel Xeon Processor E5-2470 is planned to be generally available June 4, 2012. The x3630 M4 as configured for this benchmark will be available June 4, 2012.

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