IBM posts SPEC CPU2006 scores for IBM System x3550 M5

IBM System x3550 M5 delivers competitive processor performance for compute-intensive applications

September 8, 2014 ... IBM® today announces SPEC® CPU2006 benchmark scores for the IBM System x3550 M5 server using the Intel® Xeon® Processor E5-2699 v3.

The x3550 M5 delivered competitive scores with two Intel Xeon E5-2699 v3 processors (2.3 GHz, 45 MB L3 cache per processor—2 processors/36 cores, 18 cores per chip/72 threads), 256 GB of DDR4 PC4-17000R memory, and Red Hat Enterprise Linux® Server Release 6.5 x64. (1)

The scores in the following table are the first SPEC CPU2006 results published for this x3550 M5 processor model.

SPEC CPU2006 Benchmark	Intel Xeon Processor E5-2699 v3 – 2.3GHz (18 cores)
SPECint_rate2006	1400
SPECint_rate_base2006	1360
SPECfp_rate2006	941
SPECfp_rate_base2006	916

Designed in a compact, versatile 1U two-socket rack server, the new System x3550 M5 rack server fuels almost any workload from infrastructure to high performance computing to Cloud or Big Data with leadership security, efficiency, and reliability. Integrated with up to two Intel E5-2600 v3 series CPUs with faster, energy-efficient TruDDR4 Memory, the x3550 M5 delivers exceptional performance. Storage can include up to 12 drives in an impressive selection of sizes and types.

Results are current as of September 8, 2014. 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 x3550 M5 model using the Intel Xeon Processor E5-2699 v3 is planned to be generally available October 30, 2014. The x3550 M5 as configured for this benchmark will be available October 30, 2014.