IBM posts SPEC CPU2006 scores for IBM System x3650 M5

IBM System x3650 M5 delivers processor performance for compute-intensive applications

September 8, 2014 ... IBM® today announces SPEC® CPU2006 benchmark scores for the IBM System x3650 M5 server using the 18-core Intel® Xeon® Processor E5-2699 v3.

The x3650 M5 delivered competitive scores using 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 PC4-2133P 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 x3650 M5 processor model.

SPEC CPU2006 Benchmark	Intel Xeon Processor E5-2699 v3 – 2.3GHz (18 cores)
SPECint_rate2006	1390
SPECint_rate_base2006	1350
SPECfp_rate2006	938
SPECfp_rate_base2006	913

Engineered for Big Data & analytics, cloud computing, and other business-critical enterprise workloads, the flagship 2-socket 2U IBM System x3650 M5 rack server delivers commanding performance and versatility with industry-leading reliability and security. The x3650 M5 features Intel Xeon processors with up to 36-cores, a large capacity of high-performing TruDDR4 Memory, and flexible storage configurations for workload-optimized performance. Its innovative thermal management and power design and superior security and reliability features help reduce energy costs, protect data, and maximize uptime.

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 x3650 M5 model using the Intel Xeon Processor E5-2699 v3 is planned to be generally available October 30, 2014. The x3650 M5 as configured for this benchmark will be available October 30, 2014.