

PERFORMANCE BENCHMARK RESULT

Lenovo System x3500 M5 delivers top two-processor tower performance for compute-intensive applications

January 6, 2015 ... Lenovo® today announces SPEC® CPU2006 benchmark scores for the Lenovo System x3500 M5 server using the 18-core Intel® Xeon® Processor E5-2699 v3.

The x3500 M5 achieved top 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 x3500 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	943
SPECfp_rate_base2006	916

The new Lenovo System x3500 M5 delivers big performance and storage capacity in a small footprint. An all-in-one dual-socket tower or 5U rack-mountable server, the x3500 M5 is designed for business-critical workloads from infrastructure basics to cloud computing and virtual desktop. Integrated with built-in industry-leading System x Trusted Platform Assurance security and best-of-breed availability features, the x3500 M5 protects data while enhancing workload performance and offering expansive storage capacity. The x3500 M5 can also be used as a retail store controller at a branch office, a distributed file/print server, or an all-in-one server for a remote office or business. Optional dual GPUs accelerate graphics applications.

Results are current as of January 6, 2015. 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 x3500 M5 model using the Intel Xeon Processor E5-2699 v3 is planned to be generally available January 29, 2015. The x3500 M5 as configured for this benchmark will be available January 26, 2015.

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