IBM posts SPEC CPU2006 scores for IBM System x3650 M4 HD

IBM System x3650 M4 HD delivers processor performance for compute-intensive applications

September 10, 2013 ... IBM® today announces SPEC® CPU2006 benchmark scores for the IBM System x3650 M4 HD server using the 12-core Intel® Xeon® Processor E5-2697 v2.

The x3650 M4 HD delivered competitive scores using two Intel Xeon E5-2697 v2 processors (2.7 GHz, 30 MB L3 cache per processor—2 processors/24 cores, 12 cores per chip /48 threads), 256 GB of DDR3 PC3-14900R memory, and Red Hat Enterprise Linux® Server Release 6.4 x64. (1)

The scores in the following table are the first SPEC CPU2006 results published for this x3650 M4 HD server.

SPEC CPU2006 Benchmark	Intel Xeon Processor E5-2697 v2 – 2.7 GHz (12 cores)
SPECint_rate2006	961
SPECint_rate_base2006	932
SPECfp_rate2006	696
SPECfp_rate_base2006	677

The IBM System x3650 M4 HD is a 2U 2-socket high-density storage rack-optimized server, featuring high-spindle hard disk drives (up to 32 drives with flexible configuration options) and an integrated on-board 12Gbps RAID controller. With an innovative, energy-efficient design that delivers an optimal balance of performance, uptime, and dense storage, the x3650 M4 HD offers excellent reliability, availability, and serviceability (RAS), plus IBM Features on Demand, for an improved business environment. Designed for easy deployment, integration, and management, the System x3650 M4 HD is ideal for data-intensive analytics, cloud computing deployments, data management, and business-critical workloads.

Results are current as of September 10, 2013. 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 M4 HD model using the Intel Xeon Processor E5-2697 v2 is planned to be generally available November 29, 2013. The x3650 M4 HD as configured for this benchmark will be available December 9, 2013.