

IBM posts SPEC CPU2006 scores for x3750 M4 server

IBM System x3750 M4 delivers competitive 4-processor performance for compute-intensive applications

July 9, 2012... IBM® today announces SPEC® CPU2006 benchmark scores for the IBM System x3750 M4 server using the 8-core Intel® Xeon® Processor E5-4650.

The x3750 M4 delivered competitive scores using four Intel Xeon E5-4650 processors (2.7GHz, 20MB L3 cache per processor—4 processors/32 cores/64 threads), 256GB of DDR3 PC3-12800R memory, and Red Hat Enterprise Linux® 6 Server x64 Edition, Update 2. (1)

The scores in the following table are the first SPEC CPU2006 results published for the x3750 M4:

SPEC CPU2006 Benchmark	Intel Xeon Processor E5-4650 – 2.7GHz (8-Core)
SPECint®2006	53.9
SPECint_base2006	49.9
SPECint_rate2006	1230
SPECint_rate_base2006	1180
SPECfp®2006	79.0
SPECfp_base2006	73.8
SPECfp_rate2006	889
SPECfp_rate_base2006	863

The IBM System x3750 M4 is four-socket server featuring a streamlined design, optimized for price/performance, with advanced flexibility and expandability. The x3750 M4 provides maximum storage density, flexible PCIe and 10GbE networking options in a 2U form factor. The x3750 M4 is targeted at high performance computing (HPC) and medium-sized database customers looking for a cost-conscious solution which provides the best price / performance. The x3750 M4 also delivers "pay-as-you-grow" capability to clients who are outgrowing their dual processor systems, who need faster local database I/O and workloads capable of delivering business insights within seconds rather than hours. The x3750 M4 provides 2+2 socket design, flexible 5+3 PCIe expansion, up to 16 HDD or 32 eXFlash SSD drives and integrated 10GbE networking with options for fiber or copper.

Results are current as of July 9, 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 x3750 M4 model using the Intel Xeon Processor E5-4650 is planned to be generally available July 12, 2012. The x3750 M4 as configured for this benchmark will be available July 12, 2012.

IBM is a registered trademark of IBM Corporation.

Intel and Xeon are registered trademarks of Intel Corporation.

Linux is a registered trademark of Linus Torvalds in the United States, other countries, or both.

Red Hat is a registered trademark of Red Hat, Inc., in the United States and other countries.

SPEC, SPECint and SPECfp are registered trademarks of the Standard Performance Evaluation Corporation (see <http://www.spec.org/spec/trademarks.html> for all SPEC trademarks and service marks).

All other company/product names and service marks may be trademarks or registered trademarks of their respective companies.