

IBM posts LINPACK performance for x3750 M4 server

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

September 28, 2012... IBM® today announces LINPACK benchmark scores for the IBM System x3750 M4 server using the 8-core Intel® Xeon® Processor E5-4650.

The x3750 M4 delivered a best in class score of 661 GFLOPS 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 SUSE® Enterprise Linux® Server 11, SP2. (1)

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 August 23, 2012.

(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.

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