

IBM posts SPEC CPU2006 scores for IBM Flex System x220

IBM Flex System x220 delivers competitive 2-processor performance for compute-intensive applications

May 14, 2012 ... IBM® today announces SPEC® CPU2006 benchmark scores for the IBM Flex System x220 Compute Node using the 8-core Intel® Xeon® Processor E5-2470.

The IBM Flex System x220 delivered competitive scores using two Intel Xeon E5-2470 processors (2.3GHz, 20MB L3 cache per processor—2 processors/16 cores/32 threads), 96GB 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 IBM Flex System x220.

SPEC CPU2006 Benchmark	Intel Xeon Processor E5-2470 – 2.3GHz (8-Core)
SPECint®2006	49.5
SPECint_base2006	46.1
SPECint_rate2006	580
SPECint_rate_base2006	557
SPECfp®2006	76.8
SPECfp_base2006	72.9
SPECfp_rate2006	413
SPECfp_rate_base2006	399

The Flex System x220 is a cost-optimized entry-level Compute Node, designed for energy-efficient, ideal for native and point application workloads. It is part of IBM Flex System, a new category of computing that integrates multiple server architectures, networking, storage and system management capability into a single system that is easy to deploy and manage. IBM Flex System has full "built-in" virtualization support of servers, storage, and networking to speed provisioning and increase resiliency. In addition, it supports open industry standards, such as operating systems, networking and storage fabrics, virtualization, and system management protocols, to easily fit within existing and future data center environments. IBM Flex System is scalable and extendable with multi-generation upgrades to protect and maximize IT investments.

Results are current as of May 14, 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 x220 model using the Intel Xeon Processor E5-2470 is planned to be generally available June 14, 2012. The x220 as configured for this benchmark will be available June 14, 2012.

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