# IBM posts SPEC CPU2006 scores for IBM Flex System x222 Compute Node

*x222 Compute Node delivers competitive 2-processor performance for compute-intensive applications*

August 6, 2013.. IBM® today announces SPEC® CPU2006 benchmark scores for the IBM Flex System x222 Compute Node using the 8-core Intel® Xeon® Processor E5-2470.

Using one of the two independent servers in the compute node, the x222 Compute Node delivered competitive scores using two Intel Xeon E5-2470 processors (2.3GHz, 20 MB L3 cache per processor—2 processors/16 cores/32 threads), 96 GB 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 x222.

| SPEC CPU2006 Benchmark | Intel Xeon Processor E5-2470 – 2.3GHz (8-Core) |
|---|---|
| SPECint®2006 | 49.2 |
| SPECint_base2006 | 45.8 |
| SPECint_rate2006 | 581 |
| SPECint_rate_base2006 | 559 |
| SPECfp®2006 | 76.7 |
| SPECfp_base2006 | 72.9 |
| SPECfp_rate2006 | 417 |
| SPECfp_rate_base2006 | 404 |

The Flex System x222 Compute Node is a cost-optimized double-density Compute Node, designed for energy-efficiency, it is ideal for Virtual Desktop Infrastructure, Server Virtualization, and Cloud Computing application workloads.  The x222 is comprised of two independent two-socket servers. The x222 double density design allows up to 28 servers to be housed in a single 10U Flex System Enterprise Chassis. 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 August 6, 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 x222 model using the Intel Xeon Processor E5-2470 is planned to be generally available September 10, 2013. The x222 as configured for this benchmark will be available September 10, 2013.