

IBM posts SPEC CPU2006 scores for System x3550

x3550 achieves leadership SPECint2006 score for 2-socket server using the Quad-Core Intel Xeon Processor X5470

September 9, 2008 ... IBM® System x™ 3550 servers are a part of the System x rack-optimized server line. These 2-socket servers deliver Intel® Xeon® dual- and quad-core power and excellent server function. (1) This highly manageable, ultra-thin 1U, rack-optimized server features ultimate application density for power-managed datacenters.

The x3550 server offers new levels of performance and energy-efficiency with Quad-Core or Dual-Core Intel Xeon processors. This server is uniquely optimized for better application computing with a highly functional chipset and eight DIMM slots for a maximum of 32GB of fully buffered DDR2 PC2-5300 memory.

The x3550, using the Quad-Core Intel Xeon Processor X5470 (3.33GHz, 12MB L2 cache, and 1333 MHz front-side bus—2 processors/8 cores/8 threads) and 16GB of DDR2 PC2-5300 FBD memory, demonstrated competitive performance for a 2-socket Intel system on the SPEC CPU2006 benchmark suite. The SPECint2006 score is leadership for a 2-processor server using the Quad-Core Intel Xeon Processor X5470. These results were achieved using SUSE Linux® Enterprise Server 10 SP1 x64. (1)

The scores in the following tables are the first SPEC CPU2006 results published for this processor model.

SPEC CPU2006 Benchmark	x3550 – Quad-Core Intel Xeon Processor X5470 (3.33GHz, 12MB L2 Cache, 1333 MHz FSB)
SPECint2006	30.2
SPECint_rate2006	148
SPECint_rate_base2006	139
SPECfp2006	26.2
SPECfp_rate2006	81.6
SPECfp_rate_base2006	74.6

Results are current as of September 9, 2008. 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 www.spec.org.

(1) The x3550 model using the Quad-Core Intel Xeon Processor X5470 (3.33GHz, 12MB L2 cache, and 1333 MHz FSB) is planned to be generally available November 7, 2008.

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