

IBM posts SPECpower_ssj2008 result for new x3350

x3350 achieves competitive score for a single-socket Intel processor-based system

May 7, 2008 ... IBM® System x™ 3350 servers are a new addition to the System x rack-optimized server line. Designed especially for single-application, non-virtualized hosting in a non-blade environment, the x3350 is an energy-efficient, high-performance server that offers quad-core computing at a very affordable cost, and with leaner power and cooling consumption than some competitive 1U, 2-processor servers.

The IBM System x3350 server is a single-socket 1U commercial application rack server that provides reliability, availability, and serviceability (RAS) features, management control, and performance aligned with the needs of most 32-bit x86 applications. Delivering affordable availability at the right size to meet your business needs, the x3350 combines resilience and power savings in a package that is easy to deploy, manage, and service.

In recent measurements made with the new SPECpower_ssj2008 benchmark, the x3350 server achieved a Performance to Power Ratio of 926 overall ssj_ops/watt. This score is more than 15 percent higher than the score of 800 overall ssj_ops/watt achieved by the Dell PowerEdge R300 with the Quad-Core Intel® Xeon® Processor L5410 (2.33GHz, 12MB L2 cache, and 1333 MHz front-side bus—4 cores/1 chip/4 cores per chip). (1)

The x3350 was configured with the Quad-Core Intel Xeon Processor X3360 (2.83GHz, 12MB L2 cache, and 1333 MHz front-side bus—4 cores/1 chip/4 cores per chip) and 4GB of DDR2 PC2-5300 FBD memory and ran IBM Java™ 6 Runtime Environment and Microsoft® Windows® Server 2003 R2 Enterprise x64 Edition SP1. (2)

For information about the SPECpower_ssj2008 benchmark, go to the SPEC Web site at www.spec.org/power_ssj2008/.

(1) The comparison is based on Dell's best overall ssj_ops/watt score published on www.spec.org as of May 7, 2008. View all published results at www.spec.org/power_ssj2008/results/power_ssj2008.html.

(2) The x3350 model using the Quad-Core Intel Xeon Processor X3360 (2.83GHz, 12MB L2 cache, and 1333 MHz FSB) is generally available.

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