

New SPARC Enterprise servers deliver record performance

1. **SPECjAppServer2004** – Demonstrating its ability to perform business critical operations by supporting thousands of concurrent users accessing Web Services applications, the new UltraSPARC T2 Plus-based server beat an IBM Power6-based system delivering up to 3x more performance in 1/2 the space. ⁽¹⁾.
2. **SPECjbb2005** – Paring the most stable Java(TM) implementation on the market with the industry's most efficient multi-socket CMT platform propels the dual processor SPARC Enterprise T5240 server to the top spot in its category in this Java-based B2B Enterprise benchmark. ⁽²⁾.
3. **SAP® Sales and Distribution Standard Application Benchmark** – Demonstrating its ability to handle critical tasks performed in real-world ERP business environments, the SPARC Enterprise T5120 server with a single UltraSPARC T2 processor (8 cores, 64 threads) and the SPARC Enterprise T5240 server with two UltraSPARC T2 Plus processors (16 cores, 128 threads) now hold world records for all single and dual processor systems on the two-tier SAP Sales and Distribution (SD) Standard Application Benchmark. The SPARC Enterprise T5240 server supported 4,170 SAP SD benchmark users – a result more than double the 2,035 SAP SD benchmark users produced by the IBM p570 system with two POWER6 processors. ⁽³⁾.
4. **Lotus R6 iNotes** -- The dual-socket SPARC Enterprise T5240 server running the Solaris 10 OS excels on the Lotus iNotes email benchmark with 65,000 users -- the highest ever number of supported users. ⁽⁴⁾.

- (1) SPECjAppServer2004: Sun SPARC Enterprise T5240 (16 cores, 2 chip) 3,331 JOPS@Standard. SPECjAppServer2004 IBM p570 (4 cores, 2 chips) 1,197.51 JOPS@Standard. *SPARC Enterprise's results have been submitted to SPEC for review. All other results from www.spec.org as of 04/03/08.* IBM p570 configured with 2 x 2-core 4.7 GHz Power6 processors, 8 x 2 GB FBDIMMS, 2 x 146 GB SAS 15k HDD, 2 x 1GbE ports, 2 x 1600 Watt PSU, DVD-ROM, Rail kit, AIX 6.1. Sun SPARC Enterprise T5240 configured with 2 x 1.4 GHz UltraSPARC T2 Plus 8 Core processors, 16 x 2 GB FBDIMMS, 2 x 146 10k GB SAS 2.5" HDD, RAID, 4 x 1GbE ports, 2 x 1100 Watt PSU, Slim DVD RW, Rail kit, Solaris10
- (2) SPECjbb2005: SPARC Enterprise T5240 (2 chips, 16 cores) 373,405 SPECjbb2005 bops, 23,338 SPECjbb2005 bops/JVM. *SPARC Enterprise's results have been submitted to SPEC for review. All other results from www.spec.org as of 04/03/08.*
- (3) Results of two-tier SAP SD Standard Application Benchmarks as of April 9, 2008: The SPARC Enterprise Model T5240, 2 processors / 16 cores / 128 threads, UltraSPARC T2 Plus, 1.4 GHz, 8 KB(D) + 16 KB(I) L1 cache per core, 4 MB L2 cache per processor, 128 GB main memory; Number of benchmark users & comp.: 4,170 SD (Sales & Distribution); Average dialog response time: 1.97 seconds; Throughput: Fully Processed Order Line items/hour: 418,000, Dialog steps/hour: 1,254,000; SAPS: 20,900; Average DB request time (dia/upd): 0.085 sec / 0.238 sec; CPU utilization of central server: 99%; Operating System central server: Solaris 10; RDBMS: Oracle 10g; SAP ECC Release: 6.0. The SAP certification number was not available at press time and can be found at <http://www.sap.com/benchmark>. The SPARC Enterprise T5120 (1x1.4 GHz UltraSPARC T2 processor, 8 cores, 64 threads) running Solaris 10,
- (4) NotesBench R6iNotes: Sun SPARC Enterprise T5240 (2xUltraSPARC T2 Plus, 128GB), 6 partitions, Solaris 10, Lotus[R] Domino 7.0.1 -- 65000 users, \$2.84/user, 55101 NotesMark tpm, 224ms avg response time. More info www.notesbench.org