



## HP Integrity rx6600 Server powered by dual-core Intel® Itanium® 2 delivers leadership SPEC CPU2006 performance with HP-UX 11i v2

### The NEW HP Integrity rx6600 Server



- **Fastest SPECint2006 and SPECfp2006 performance among all enterprise-class servers**

A full disclosure report describing these benchmark results has been filed with the Standard Performance Evaluation Corporation (SPEC). This report describes the benchmark HW and SW configuration in detail. Similar reports from other vendors are the source of the comparisons provided above. Summaries of all tests are published by the SPEC and on the Internet on the SPEC's World Wide Web Server. With these benchmarks, customers can objectively compare the performance of different vendors' servers in specific areas.

Combined with the processor-enhancing capabilities of HP's zx2 chipset, the highly expandable HP Integrity rx6600 Server delivers outstanding performance for demanding enterprise applications and is particularly suited for workload consolidation and virtualization. With its latest SPECint2006 and SPECfp2006 benchmarks announced in September 2006, the HP Integrity rx6600 Server with the dual-core Intel Itanium 2 processor, demonstrates a superior level of performance, functionality, and value within entry-class servers.

The HP Integrity rx6600 Server with dual-core Intel Itanium 2 processors' SPECint2006 result of 14.5 base and 15.7 peak is higher than any other published SPECint2006 result for any server. Similarly, the SPECfp2006 result of 17.3 base and 18.1 peak is higher than any other published SPECfp2006 result.

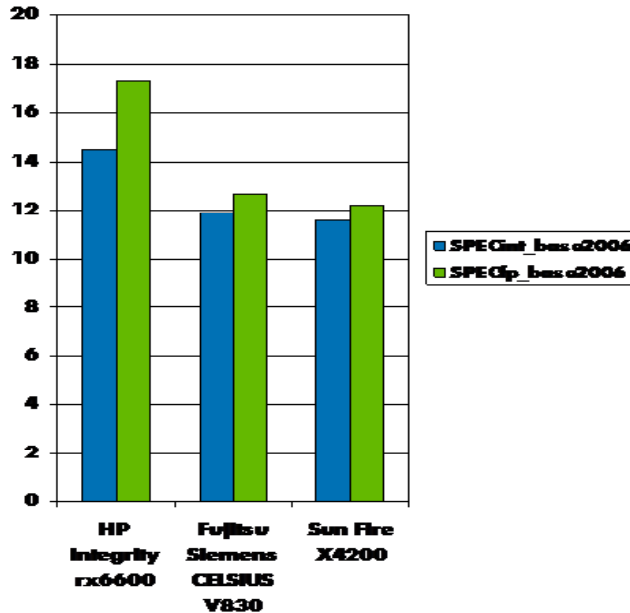


Figure 1. The HP Integrity rx6600 Server with dual-core Intel Itanium 2, surpasses the Fujitsu Siemens CELSIUS V830 with AMD Opteron™ and Sun Fire X4200 with AMD Opteron in SPECint\_base2006 and SPECfp\_base2006.

Table 1. Configurations of HP Integrity rx6600 Server, Fujitsu Siemens CELSIUS V830 and Sun Fire X4200

**HP Integrity rx6600.** 14.5 SPECint\_base2006, 17.3 SPECfp\_base2006  
1 processors/2 cores. Dual-Core Intel® Itanium®2 1.6 GHz. 24 MB cache. HP-UX 11i v2.

**Fujitsu Siemens CELSIUS V830.** 11.9 SPECint\_base2006, 12.7 SPECfp\_base2006.

1 processors/1 core. AMD Opteron 3.0 GHz. SUSE Linux Enterprise Server 9. **The Integrity rx6600 Server is 22% faster in SPECint\_base2006 and 36% faster in SPECfp\_base2006!**

**Sun Fire X4200.** 11.6 SPECint\_base2006, 12.2 SPECfp\_base2006  
1 processors/1 core. AMD Opteron 3.0 GHz. Solaris 10. **The Integrity rx6600 Server is 25% faster in SPECint\_base2006 and 42% faster in SPECfp\_base2006!**

SPECint\_rate2006 and SPECfp\_rate2006 comparisons are based on results published as of September 18, 2006.

## PERFORMANCE BRIEF



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