



HP Integrity rx3600 Server achieves overall world record and best JOPS¹/Core for SPECjAppServer2004 Java™ performance on HP-UX 11i v2

The new HP Integrity rx3600 Server based on the Scalable Processor Chipset zx2



Delivers exceptional performance for Java enterprise application servers

The new HP Integrity rx3600 Server, with dual-core Intel® Itanium® 2 processors, debuts with a world-record 22p/44c SPECjAppServer2004 performance result of 6813 JOPS¹ and the best JOPS¹/Core for Enterprise Class² benchmarks.

The highly expandable entry-class HP Integrity rx3600 Server is an ideal platform for demanding enterprise applications and is particularly suited for workload consolidation and virtualization. It offers superior performance and price/performance when compared to competitive offerings.

Figure 1. The HP Integrity rx3600 Server delivers leadership enterprise class² SPECjAppServer2004 results.

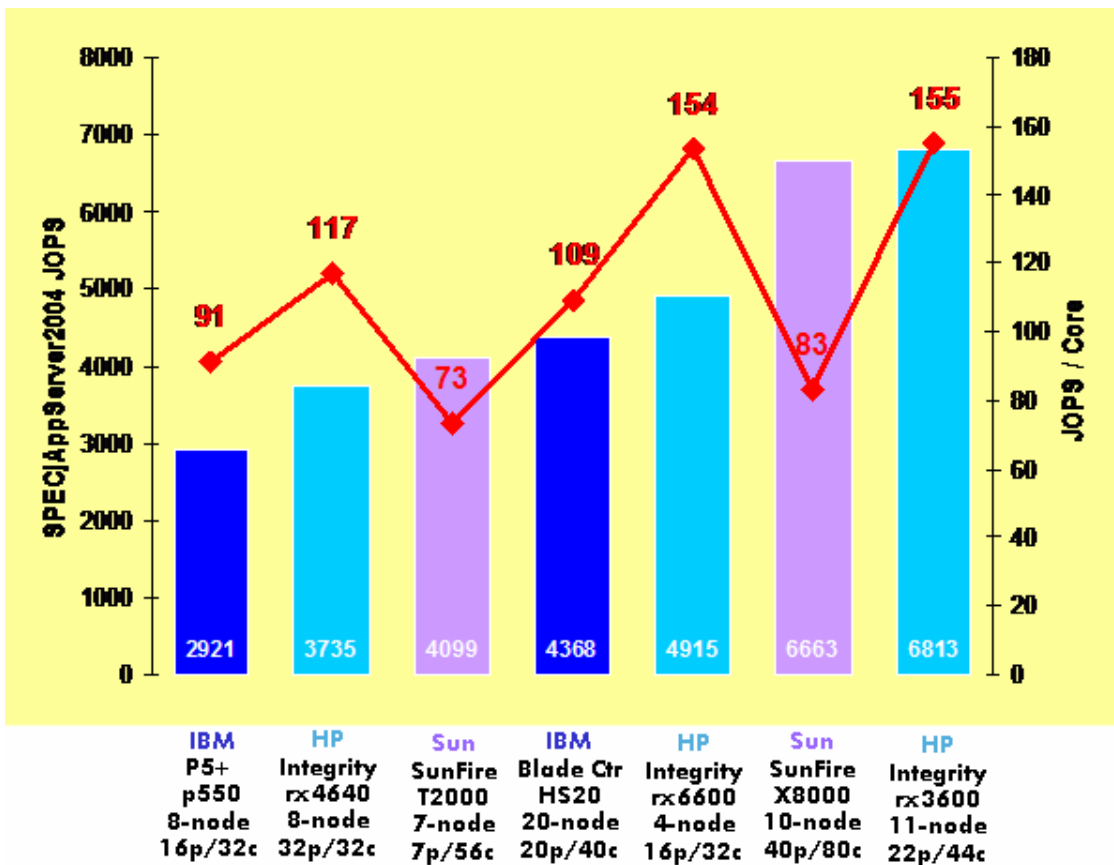


Table 1. The HP Integrity rx6600 server compared to IBM and Sun Enterprise Class² SPECjAppServer2004 benchmark configurations

System configuration	JOPS ¹	JOPS ¹ /Core	OS/J2EE Application Server	Comment
IBM p5 p550 (8-node) Power5+ 1.9 GHz 16 processors/32 cores 36 MB off-chip cache	2921	91	SUSE Linux Enterprise Server 9 and IBM WebSphere	The 32-core Integrity rx4640 Server benchmark beats this p550 number by 28%. The Integrity rx3600 Server dual-core Itanium processor with 44 cores beats this number by 2.3X!
HP Integrity rx4640 Server (8-node) Intel Itanium 2 1.6 GHz 32 processors/32 cores 9 MB L3 cache	3734	117	HP-UX 11i v2 and BEA WebLogic	JOPS¹/Core result is second only to dual-core Itanium processor for Enterprise Class² benchmarks.
Sun Fire T2000 (7-node) UltraSPARC T1 7 processors/56 cores 3 MB L2 cache	4099	73	Solaris 10 and BEA WebLogic	The Integrity rx3600 Server solution is 1.7X faster. Sun gives the customer more nodes to manage for less output.
IBM Blade Center (20-node) Intel® Xeon® 3.6 GHz 40 processors/40 cores 2 MB L2 cache	4368	109	SUSE Linux Enterprise Server 9 and IBM WebSphere	The Integrity rx3600 Server solution is 1.6X faster.
Sun SunFire X8400 (10-node) AMD Opteron™ 2.6 GHz 40 processors/80 cores 2 MB L2 cache	6662	83	Solaris 10 and BEA WebLogic	rx3600 sets world record with fewer nodes.
HP Integrity rx3600 Server (11-node) Itanium 1.6 GHz dual-core 22 processors/44 cores 9 MB L3 cache	6721	153	HP-UX 11i v2 and Oracle AppServer	World record.

¹ jAppServer Operations Per Second (JOPS), which is the measurement for the SPECjAppServer2004 benchmark.

² Enterprise Class benchmarks are benchmarks with more than 2000 SPECjAppServer2004 JOPS¹.

³ This Sun Opteron Blades configuration lists for \$360,000 (as of September 9, 2006) and with more core, costs at least \$240,000 more in BEA WebLogic licenses than the Integrity rx6600 server solution.

About SPEC

SPECjAppServer is a trademark of the Standard Performance Evaluation Corp (SPEC). Competitive numbers shown reflect results published on www.spec.org as of September 15, 2006. For the latest SPECjAppServer2004 results, visit www.spec.org/osg/jAppServer2004. 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 SPEC and on the SPEC Web site. With these benchmarks, customers can objectively compare the performance of different vendors' servers in specific areas.

HP PERFORMANCE BRIEF ANNOUNCEMENT



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