



CINT2000 Result

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Rackable Systems
C1000-L03-25W30 (Intel Xeon 5160)

SPECint2000 = 2911
SPECint_base2000 = 2911

SPEC license #: 64 Tested by: Rackable Systems Test date: Sep-2006 Hardware Avail: Aug-2006 Software Avail: Jun-2006

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
164.gzip	1400	79.4	1763	79.4	1763	
175.vpr	1400	63.4	2208	63.4	2208	
176.gcc	1100	36.5	3011	36.5	3011	
181.mcf	1800	47.9	3756	47.9	3756	
186.crafty	1000	29.0	3453	29.0	3453	
197.parser	1800	85.7	2099	85.7	2099	
252.eon	1300	32.3	4030	32.3	4030	
253.perlbnk	1800	51.5	3493	51.5	3493	
254.gap	1100	44.8	2457	44.8	2457	
255.vortex	1900	43.0	4414	43.0	4414	
256.bzip2	1500	64.6	2320	64.6	2320	
300.twolf	3000	91.6	3276	91.6	3276	

Hardware

CPU: Intel(R) Xeon(R) CPU 5160 @ 3.0GHz
 CPU MHz: 3000
 FPU: Integrated
 CPU(s) enabled: 4 cores, 2 chips, 2 cores/chip
 CPU(s) orderable: 1,2 chip(s)
 Parallel: No
 Primary Cache: 32KB(I) + 32KB(D) on chip, per core
 Secondary Cache: 4096KB(I+D) on chip, per chip, shared
 L3 Cache: N/A
 Other Cache: N/A
 Memory: 4 x 1024MB ECC FB-DIMM DDR2-667MHz
 Disk Subsystem: 1 x 250GB SATA HDD
 Other Hardware:

Software

Operating System: Red Hat Enterprise Linux 4 Update 3 EM64T
 Compiler: Intel C++ Compiler 9.1.042 for EM64T
 File System: ext3
 System State: Runlevel 3

Notes/Tuning Information

186.crafty: -DLINUX_i386 -DSPEC_CPU2000_LP64
 252.eon: -DHAS_ERRLIST -DSPEC_CPU2000_LP64
 253.perlbnk: -DSPEC_CPU2000_LINUX_I386 -DSPEC_CPU2000_NEED_BOOL -DSPEC_CPU2000_LP64
 254.gap: -DSYS_IS_USG -DSYS_HAS_CALLOC_PROTO -DSYS_HASMALLOC_PROTO
 -DSYS_HAS_IOCTL_PROTO -DSPEC_CPU2000_LP64
 255.vortex: -DSPEC_CPU2000_LP64
 Portability for integer benchmarks
 Optimization flags
 ONESTEP=yes for all benchmarks
 +FDO implies feedback-directed optimization PASS1: -prof_gen PAS2: -prof_use
 Baseline optimizations for C: -fast -auto_ilp32 +FDO
 Baseline optimizations for C++: -fast -auto_ilp32 +FDO
 basepeak=yes set for all benchmarks
 Taskset utility used to bind process to CPU(s)