



CINT2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

Rackable Systems
C1000-L03-25V23 (Intel Xeon 5148)

SPECint_rate2000 = 89.6
SPECint_rate_base2000 = 89.6

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.zip	4	104	62.4	4	104	62.4
175.vpr	4	91.0	71.4	4	91.0	71.4
176.gcc	4	55.4	92.1	4	55.4	92.1
181.mcf	4	116	72.0	4	116	72.0
186.crafty	4	37.3	124	4	37.3	124
197.parser	4	137	60.8	4	137	60.8
252.eon	4	41.6	145	4	41.6	145
253.perlbnk	4	70.2	119	4	70.2	119
254.gap	4	84.1	60.7	4	84.1	60.7
255.vortex	4	60.8	145	4	60.8	145
256.bzip2	4	103	67.9	4	103	67.9
300.twolf	4	120	116	4	120	116

Hardware

CPU: Intel(R) Xeon(R) CPU 5148 @ 2.33GHz
 CPU MHz: 2330
 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)