CINT2000 Result

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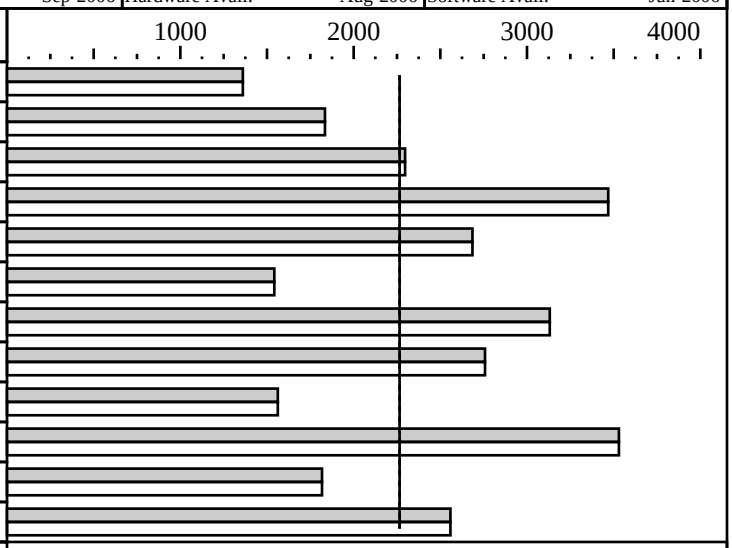
Rackable Systems
C1000-L03-25V23 (Intel Xeon 5148)

SPECint2000 = 2265

SPECint_base2000 = 2265

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	103	1361	103	1361
175.vpr	1400	76.3	1834	76.3	1834
176.gcc	1100	47.9	2297	47.9	2297
181.mcf	1800	51.9	3469	51.9	3469
186.crafty	1000	37.2	2685	37.2	2685
197.parser	1800	117	1542	117	1542
252.eon	1300	41.5	3131	41.5	3131
253.perlbmk	1800	65.3	2758	65.3	2758
254.gap	1100	70.4	1562	70.4	1562
255.vortex	1900	53.8	3530	53.8	3530
256.bzip2	1500	82.5	1817	82.5	1817
300.twolf	3000	117	2558	117	2558



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.perlbmk: -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)
```