



# CINT2000 Result

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**Rackable Systems**  
**C1000-L03-25W26 (Intel Xeon 5150)**

SPECint2000 = 2671  
SPECint\_base2000 = 2671

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	89.0	1573	89.0	1573	
175.vpr	1400	67.6	2071	67.6	2071	
176.gcc	1100	39.8	2764	39.8	2764	
181.mcf	1800	49.9	3605	49.9	3605	
186.crafty	1000	32.6	3071	32.6	3071	
197.parser	1800	94.1	1912	94.1	1912	
252.eon	1300	36.3	3580	36.3	3580	
253.perlbmk	1800	56.8	3170	56.8	3170	
254.gap	1100	47.3	2325	47.3	2325	
255.vortex	1900	45.7	4161	45.7	4161	
256.bzip2	1500	70.1	2141	70.1	2141	
300.twolf	3000	102	2945	102	2945	

### Hardware

CPU: Intel(R) Xeon(R) CPU 5150 @ 2.66GHz  
 CPU MHz: 2660  
 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)