



CINT2000 Result

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SGI

SGI Altix XE 210 (Intel Xeon processor 5160, 3.0GHz)

SPECint2000 = --

SPECint_base2000 = 2937

SPEC license #: 4 Tested by: SGI Test date: Nov-2006 Hardware Avail: Aug-2006 Software Avail: Jul-2006

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
164.gzip	1400	77.7	1802			
175.vpr	1400	63.0	2223			
176.gcc	1100	34.2	3213			
181.mcf	1800	44.5	4043			
186.crafty	1000	36.0	2777			
197.parser	1800	76.5	2353			
252.eon	1300	35.8	3630			
253.perlbmk	1800	51.4	3500			
254.gap	1100	39.2	2806			
255.vortex	1900	42.7	4445			
256.bzip2	1500	67.6	2220			
300.twolf	3000	87.2	3440			

Hardware

CPU: Intel Xeon Processor 5160 (1333Mhz System Bus)
CPU MHz: 2992
FPU: Integrated
CPU(s) enabled: 4 cores, 2 chips, 2 cores/chip
CPU(s) orderable: 1-2 chips
Parallel: No
Primary Cache: 32KB(I) + 32KB(D) on chip, per core
Secondary Cache: 4MB (I+D) on chip, per chip
L3 Cache: None
Other Cache: None
Memory: 4 GB (4*1GB PC2-5300 FB-DIMMs)
Disk Subsystem: 1 x 250GB SATA II (Hitachi Deskstar 7200rpm)
Other Hardware: None

Software

Operating System: SUSE Linux Enterprise Server 9 Service Pack 3
Compiler: Intel(R) C Compiler 9.1 for 32-bit applications (Build 20060706Z)
Intel(R) C++ Compiler 9.1 for 32-bit applications (Build 20060706Z)
File System: xfs
System State: Multi-user

Notes/Tuning Information

Enhanced SpeedStep Technology Disabled in BIOS
Hardware Prefetch Enabled in BIOS
Adjacent Cache Line Prefetch Enabled in BIOS
kernel 2.6.5-7.244-smp

SPEC CINT2000 Baseline optimization flags:
C programs: -fast +FDO
C++ programs: -fast -ansi_alias +FDO
+FDO: PASS1=-prof_gen PASS2=-prof_use

Portability Flags:
186.crafty: -DLINUX_i386
252.eon: -DHAS_ERRLIST
253.perlbmk: -DSPEC_CPU2000_NEED_BOOL -DSPEC_CPU2000_LINUX_I386
254.gap: -DSYS_IS_USG