



CINT2000 Result

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Apple Computer, Inc.

Xserve (3000 MHz Intel Dual-Core Xeon, 1333 MHz Bus)

SPECint2000 = --

SPECint_base2000 = 2929

SPEC license #: 77 Tested by: Apple Computer, Inc. Test date: Nov-2006 Hardware Avail: Nov-2006 Software Avail: Nov-2006

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	2000	4000	6000	8000
164.gzip	1400	77.1	1816			.....		
175.vpr	1400	63.5	2205			.....		
176.gcc	1100	35.8	3070			.....		
181.mcf	1800	41.4	4349			.....		
186.crafty	1000	35.4	2827			.....		
197.parser	1800	83.3	2161			.....		
252.eon	1300	37.6	3456			.....		
253.perlbmk	1800	51.9	3470			.....		
254.gap	1100	38.2	2878			.....		
255.vortex	1900	41.3	4597			.....		
256.bzip2	1500	66.9	2244			.....		
300.twolf	3000	87.6	3424			.....		

Hardware

CPU: Intel Dual-Core Xeon 5160
CPU MHz: 3000
FPU: Integrated
CPU(s) enabled: 4 cores, 2 chips, 2 cores/chip
CPU(s) orderable: 2
Parallel: No
Primary Cache: 32 KB I + 32 KB D on chip per core
Secondary Cache: 4 MB I+D on chip per chip (shared)
L3 Cache: N/A
Other Cache: N/A
Memory: 4 GB (4x1GB FB-DIMM DDR2 667 MHz)
Disk Subsystem: 80 GB SATA
Other Hardware:

Software

Operating System: Mac OS X 10.4.8 (8L2127)
Compiler: Intel C++ Compiler for Mac OS X
Version 9.1, Build 20060928 (032)
File System: Journaled HFS+
System State: Default

Notes/Tuning Information

+FDO: PASS1=-prof_gen PASS2=-prof_use

Base tuning for C programs: -fast +FDO -lstmalloc

Base tuning for C++ programs: -fast +FDO -lstmalloc

Portability flags:

176.gcc: -DHOST_WORDS_LITTLE_ENDIAN
186.crafty: -DLINUX_i386
197.parser: -D_POSIX_SOURCE
252.eon: -DHAS_ERRLIST -DFMAX_IS_DOUBLE
253.perlbmk: -DSPEC_CPU2000_MACOSX_IA32
254.gap: -DSYS_IS_BSD -DSYS_HAS_IOCTL_PROTO -DSYS_HAS_TIME_PROTO
-DSYS_HAS_SIGNAL_PROTO -DSYS_HAS_ANSI -DSYS_HAS_CALLOC_PROTO
-DSYS_HAS_STDIO_PROTO

Boot ROM Version: XS11.0076.B00

SMC Version: 1.11f4

Memory Details:

BRANCH 0 CHANNEL 0/DIMM 1: 1 GB DDR2 FB-DIMM 667 MHz



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Notes/Tuning Information (Continued)

BRANCH 0 CHANNEL 1/DIMM 2: 1 GB DDR2 FB-DIMM 667 MHz
BRANCH 1 CHANNEL 0/DIMM 3: 1 GB DDR2 FB-DIMM 667 MHz
BRANCH 1 CHANNEL 1/DIMM 4: 1 GB DDR2 FB-DIMM 667 MHz