CINT2000 Result

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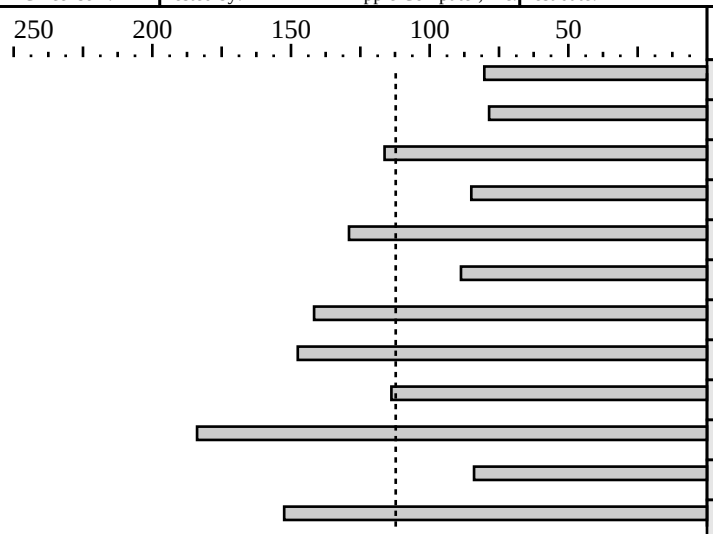
Apple Computer, Inc.

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

SPECint_rate2000 = --

SPECint_rate_base2000 = 112

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	4	80.9	80.3			
175.vpr	4	82.7	78.6			
176.gcc	4	43.9	116			
181.mcf	4	98.3	85.0			
186.crafty	4	35.9	129			
197.parser	4	94.1	88.7			
252.eon	4	42.6	142			
253.perlbmk	4	56.6	148			
254.gap	4	44.9	114			
255.vortex	4	47.9	184			
256.bzip2	4	82.9	84.0			
300.twolf	4	91.3	152			

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)

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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
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