CINT2000 Result

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SGI

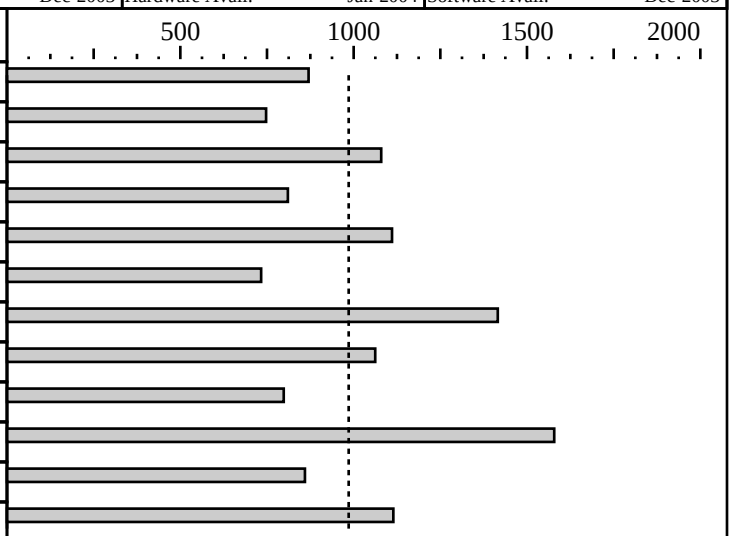
SGI Altix 350 (1400MHz/1.5MB, Itanium 2)

SPECint2000 = --

SPECint_base2000 = 986

SPEC license #: 4 | Tested by: SGI | Test date: Dec-2003 | Hardware Avail: Jan-2004 | Software Avail: Dec-2003

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	161	870		
175.vpr	1400	187	747		
176.gcc	1100	102	1079		
181.mcf	1800	222	810		
186.crafty	1000	90.0	1111		
197.parser	1800	246	733		
252.eon	1300	91.8	1416		
253.perlbmk	1800	169	1062		
254.gap	1100	138	798		
255.vortex	1900	120	1579		
256.bzip2	1500	175	859		
300.twolf	3000	269	1114		



Hardware

CPU:	Intel Itanium 2
CPU MHz:	1400
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip
CPU(s) orderable:	2-16
Parallel:	No
Primary Cache:	16KBI + 16KBD (on chip) per CPU
Secondary Cache:	256KB (on chip) per CPU
L3 Cache:	1.5MB (on chip) per CPU
Other Cache:	N/A
Memory:	4 GB (8*512MB PC2700 DIMMS)
Disk Subsystem:	1 x 36 GB SCSI (Seagate Cheetah 15k rpm)
Other Hardware:	None

Software

Operating System:	SGI ProPack(TM) v2.3
Compiler:	Intel(R) C++ Compiler for Linux 8.0 (Build 20031017) MicroQuill SmartHeap Library 7.01 (www.microquill.com)
File System:	xfs
System State:	Single-user

Notes/Tuning Information

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+FDO: PASS1=-prof_gen  PASS2=-prof_use

Baseline optimization flags:
  C programs:       -fast -auto_ilp32 +FDO
  C++ programs:     -fast -ansi_alias +FDO
  Extra Libraries:  libsmartheap64.a

Portability Flags:
  176.gcc: -DSPEC_CPU2000_LP64 -Dalloca=_builtin_alloca -D_LIBC
  186.crafty: -DLINUX_i386
  252.eon: -DSPEC_CPU2000_LP64 -DHAS_ERRLIST -DFMAX_IS_DOUBLE
  253.perlbmk: -DSPEC_CPU2000_LP64 -DSPEC_CPU2000_NEED_BOOL
               -DSPEC_CPU2000_LINUX_IA64 -DSPEC_CPU2000_GLIBC22
  254.gap: -DSPEC_CPU2000_LP64 -DSYS_HAS_CALLOC_PROTO -DSYS_IS_USG
           -DSYS_HAS_IOCTL_PROTO -DSYS_HAS_TIME_PROTO -DSYS_HAS_SIGNAL_PROTO
  255.vortex: -DSPEC_CPU2000_LP64

Processes were bound to CPUs using runon.
Extra CPUs were disabled at firmware.
```