CINT2000 Result

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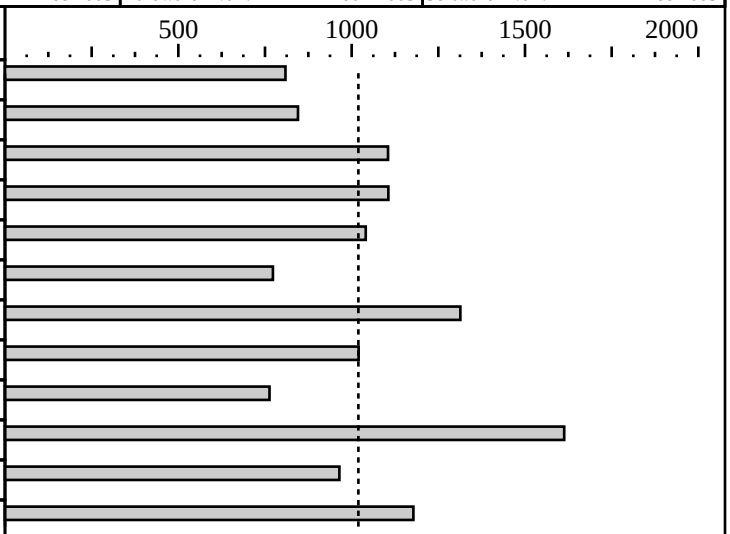
SGI
SGI Altix 3000 (1300MHz, Itanium 2)

SPECint2000 = --

SPECint_base2000 = 1019

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	173	809		
175.vpr	1400	166	845		
176.gcc	1100	99.6	1105		
181.mcf	1800	163	1106		
186.crafty	1000	96.1	1041		
197.parser	1800	233	773		
252.eon	1300	99.0	1314		
253.perlbmk	1800	176	1020		
254.gap	1100	144	763		
255.vortex	1900	118	1613		
256.bzip2	1500	156	965		
300.twolf	3000	255	1178		



Hardware

CPU:	Intel Itanium 2
CPU MHz:	1300
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip
CPU(s) orderable:	4-64
Parallel:	No
Primary Cache:	16KBI + 16KBD (on chip) per CPU
Secondary Cache:	256KB (on chip) per CPU
L3 Cache:	3.0MB (on chip) per CPU
Other Cache:	N/A
Memory:	8 GB (16*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

Extra CPUs were disabled at firmware.
Process was launched using runon
```