CINT2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

SGI

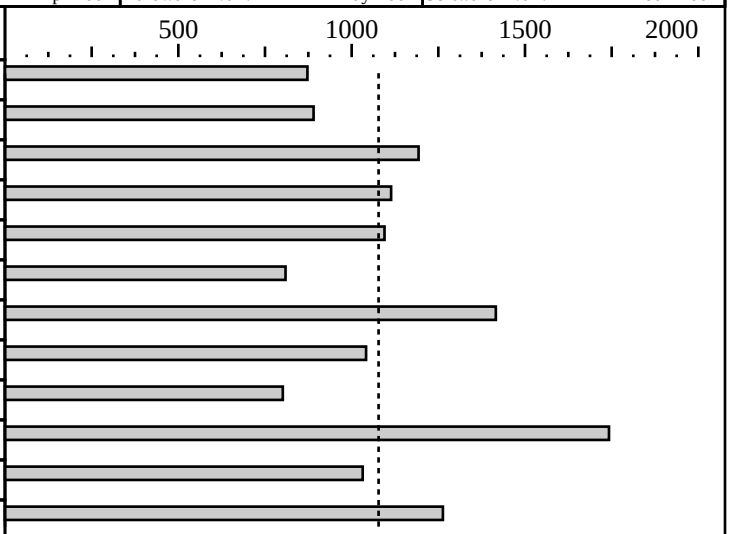
SGI Altix 350 (1400MHz/3MB, Itanium 2)

SPECint2000 = --

SPECint_base2000 = 1078

SPEC license #: 4 | Tested by: SGI | Test date: Apr-2004 | Hardware Avail: May-2004 | Software Avail: Jun-2004

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	160	872		
175.vpr	1400	157	890		
176.gcc	1100	92.2	1193		
181.mcf	1800	162	1114		
186.crafty	1000	91.3	1095		
197.parser	1800	222	809		
252.eon	1300	91.8	1416		
253.perlbmk	1800	173	1042		
254.gap	1100	137	801		
255.vortex	1900	109	1742		
256.bzip2	1500	145	1032		
300.twolf	3000	237	1263		



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 core
Secondary Cache:	256KB (on chip) per core
L3 Cache:	3.0MB (on chip) per core
Other Cache:	N/A
Memory:	4 GB (8*512MB PC2100 DIMMS)
Disk Subsystem:	1 x 36 GB SCSI (Seagate Cheetah 15k rpm)
Other Hardware:	None

Software

Operating System:	SGI ProPack(TM) v3.0
Compiler:	Intel(R) C++ Compiler for Linux 8.0 (Build 20040318) MicroQuill SmartHeap Library 7.01 (www.microquill.com)
File System:	xfs
System State:	Single-user

Notes/Tuning Information

```
+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
  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 srcalt=closed_files
Extra CPUs were disabled at firmware.
Processes were bound to CPUs using runon.
```