CINT2000 Result

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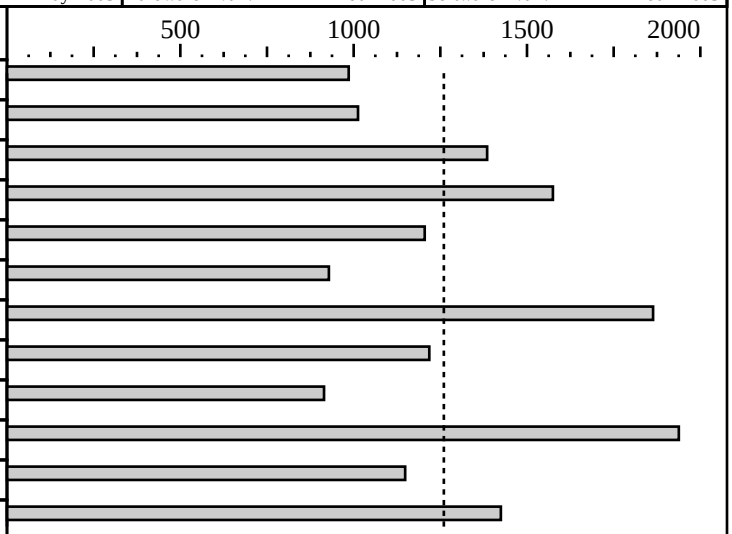
SGI
SGI Altix 330 (1500MHz, Itanium 2)

SPECint2000 = --

SPECint_base2000 = 1260

SPEC license #: 4 | Tested by: SGI | Test date: May-2005 | Hardware Avail: Jul-2005 | Software Avail: Jun-2005

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	142	986		
175.vpr	1400	138	1013		
176.gcc	1100	79.4	1385		
181.mcf	1800	114	1575		
186.crafty	1000	83.0	1205		
197.parser	1800	194	929		
252.eon	1300	69.8	1864		
253.perlbmk	1800	148	1218		
254.gap	1100	120	915		
255.vortex	1900	98.0	1938		
256.bzip2	1500	131	1149		
300.twolf	3000	211	1425		



Hardware

CPU:	Intel Itanium 2
CPU MHz:	1500
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 (I+D) on chip, per core
L3 Cache:	4.0MB (I+D) on chip, per core
Other Cache:	N/A
Memory:	4 GB (4*1GB PC2700 DIMMS)
Disk Subsystem:	1 x 73 GB SCSI (Seagate Cheetah 10k rpm)
Other Hardware:	None

Software

Operating System:	SGI ProPack(TM) v3.0 Service Pack 6
Compiler:	Intel(R) C++ Itanium(R) Compiler for Linux 8.1 (Build 20041021) MicroQuill SmartHeap Library 7.01 (www.microquill.com)
File System:	xfs
System State:	Multi-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
  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
```