CINT2000 Result

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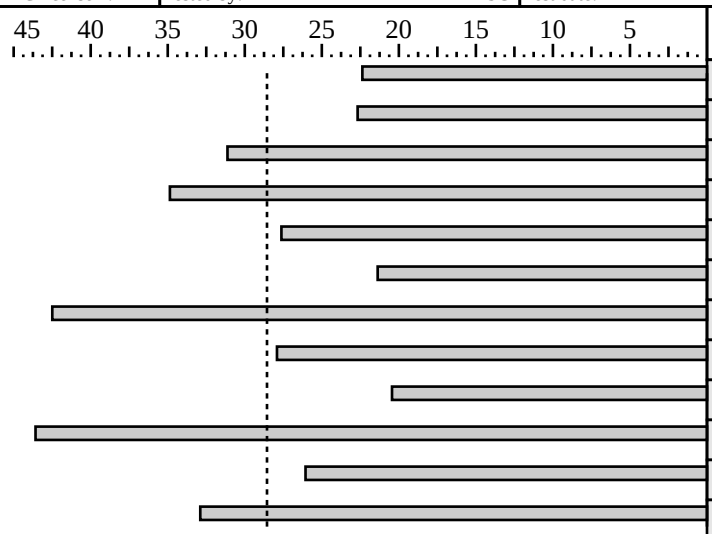
SGI
SGI Altix 330 (1500MHz, Itanium 2)

SPECint_rate2000 = --

SPECint_rate_base2000 = 28.6

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	2	145	22.4			
175.vpr	2	143	22.7			
176.gcc	2	82.0	31.1			
181.mcf	2	120	34.9			
186.crafty	2	84.0	27.6			
197.parser	2	195	21.4			
252.eon	2	71.0	42.5			
253.perlbmk	2	150	27.9			
254.gap	2	125	20.4			
255.vortex	2	101	43.6			
256.bzip2	2	134	26.1			
300.twolf	2	212	32.9			

Hardware

CPU:	Intel Itanium 2
CPU MHz:	1500
FPU:	Integrated
CPU(s) enabled:	2 cores, 2 chips, 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:	8 GB (8*1GB PC2700 DIMMS per 2 core module)
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

Processes were bound to CPUs using runon.
```