CINT2000 Result

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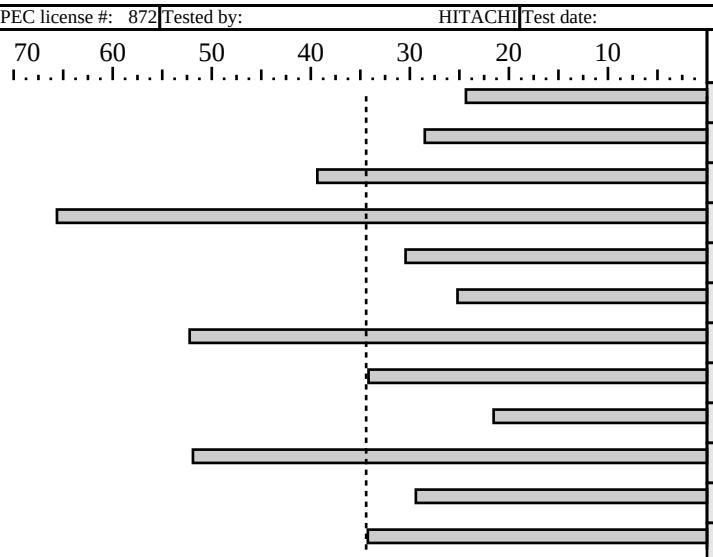
HITACHI

HITACHI BladeSymphony (1.66GHz/9MB Itanium 2)

SPECint_rate2000 = --

SPECint_rate_base2000 = 34.4

SPEC license #: 872 | Tested by: HITACHI | Test date: Jul-2005 | Hardware Avail: Jul-2005 | Software Avail: Jun-2005



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	2	133	24.3			
175.vpr	2	114	28.5			
176.gcc	2	64.9	39.3			
181.mcf	2	63.6	65.6			
186.crafty	2	76.2	30.4			
197.parser	2	166	25.2			
252.eon	2	57.7	52.2			
253.perlbmk	2	122	34.2			
254.gap	2	118	21.5			
255.vortex	2	84.9	51.9			
256.bzip2	2	118	29.4			
300.twolf	2	203	34.2			

Hardware

CPU:	Intel Itanium 2
CPU MHz:	1666
FPU:	Integrated
CPU(s) enabled:	2 cores, 2 chips, 1 core/chip
CPU(s) orderable:	1,2
Parallel:	No
Primary Cache:	16KBI + 16KBD on chip, per core
Secondary Cache:	256KB(I+D) on chip, per core
L3 Cache:	9.0MB(I+D) on chip, per core
Other Cache:	N/A
Memory:	8GB (1GB DIMM x 8)
Disk Subsystem:	Seagate Ultra320 ST373454LC (73GBx1), 15000rpm
Other Hardware:	None

Software

Operating System:	Red Hat Enterprise Linux AS 3 update 3
Compiler:	Intel(R) C++ Compiler for Linux 9.0 (Build 20050430)
File System:	ext3
System State:	Multi-user run level 3

Notes/Tuning Information

```
Base tuning flags:
     C   : -fast -auto_ilp32 +FDO
     C++ : -fast -auto_ilp32 -IPF_fp_relaxed +FDO

+FDO: PASS1=-prof_gen  PASS2=-prof_use

Portability flags:
  176.gcc: -DSPEC_CPU2000_LP64 -Dalloca=_alloca
  186.crafty: -DLINUX_i386
  252.eon: -DSPEC_CPU2000_LP64 -DHAS_ERRLIST fmax_errno src.alt
  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 closed_files src.alt
  300.twolf: stdfree src.alt
```