



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