CINT2000 Result

Hewlett-Packard Company
ProLiant DL360 G4 (3.4GHz, Intel Xeon)

SPECint_rate2000 = 30.4
SPECint_rate_base2000 = 29.8

Hardware
CPU: Intel Xeon (3.4GHz, 1MB L2, 800MHz bus)
CPU MHz: 3400
FPU: Integrated
CPU(s) enabled: 2 cores, 2 chips, 1 core/chip (HT Technology disabled)
CPU(s) orderable: 1,2
Parallel: No
Primary Cache: 16K micro-ops I + 16KB D on chip
Secondary Cache: 1024KB(I+D) on chip
L3 Cache: N/A
Other Cache: N/A
Memory: 2x1024MB PC2700 DDR-333
Disk Subsystem: 1x250GB SATA
Other Hardware:

Software
Operating System: Windows Server 2003 Standard (Build 3790)
Compiler: Intel C++ Compiler 8.0 Build 20031211Z
Microsoft Visual Studio .NET 7.0.9466 (for libraries)
MicroQuill Smartheap Library 7.0

Notes/Tuning Information
+FDO: PASS1=-Qprof_gen PASS2=-Qprof_use
+FDO*: FDO (~QxP not used in PASS1 to enable cross-compilation)
Base tuning for C programs: -QxP -fast +FDO* shlw32M.lib
Base tuning for C++ programs: -QxP -fast -GX -GR
Portability flags:
176.gcc: -Dalloca=_alloca /F10000000
186.craful -DNT_i386
253.perlbmk: -DSPEC_CPU2000_NTOS -DPERLDLL /MT
254.gap: -DSYS_HAS_CALLOC_PROTO -DSYS_HAS_MALLOC_PROTO
Peak tuning:
164.gzip: -QxP -fast -Oa +FDO ONESTEP=yes
175.vpr: -QxP -fast +FDO ONESTEP=yes
176.gcc: basepeak = 1
181.mcf: -QxP -fast +FDO ONESTEP=yes shlw32M.lib
186.craful -QxP -fast -Oa +FDO ONESTEP=yes shlw32M.lib
197.parser: -QxP -fast +FDO ONESTEP=yes
252.eon: -QxP -02 -Qipo +FDO* ONESTEP=yes
253.perlbmk: -fast -Oa +FDO ONESTEP=yes shlw32M.lib
254.gap: -QxP -fast +FDO ONESTEP=yes
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**Notes/Tuning Information (Continued)**

- 255.vortex: `-QxP -fast +FDO ONESTEP=yes shlw32M.lib`
- 256.bzip2: `-fast -Oa -Qunroll11 +FDO ONESTEP=yes`
- 300.twolf: `-QxP -fast -O3 +FDO* shlw32M.lib`

**BIOS Configuration Notes**

- HT Technology disabled