CINT2000 Result

Hewlett-Packard Company ProLiant ML570 G3 (3.0GHz, Intel dual-core Xeon)

SPECint2000 = 1360
SPECint_base2000 = 1353

<table>
<thead>
<tr>
<th>Benchmark</th>
<th>Reference Time</th>
<th>Base Runtime</th>
<th>Base Ratio</th>
<th>Runtime</th>
<th>Ratio</th>
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<td>990</td>
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<td>176.gcc</td>
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</table>

Hardware

CPU: Intel dual-core Xeon (3.0GHz, 2x2MB L2, 667MHz bus)
CPU MHz: 3000
FPU: Integrated
CPU(s) enabled: 1 core, 1 chip, 2 cores/chip (Hyper-Threading Technology disabled)
CPU(s) orderable: 1, 2, 4
Parallel: No
Primary Cache: 12K micro-ops I + 16KBD (on chip) per core
Secondary Cache: 2048KB(I+D) (on chip) per core
L3 Cache: N/A
Other Cache: N/A
Memory: 16x1024MB PC2-3200
Disk Subsystem: 1x36.4GB 15K Ultra320 SCSI

Software

Operating System: Windows Server 2003 Enterprise SP1
Compiler: Intel C++ Compiler for 32-bit applications, (Version 9.0 Build 20050624Z)
Microsoft Visual Studio.NET 7.0.9466 (for libraries)
MicroQuill Smartheap Library 7.0
File System: NTFS
System State: Default

Notes/Tuning Information

+FD0: PASS1=-Qprof_gen PASS2=-Qprof_use
Base tuning for C programs: -fast +FD0 ONESTEP=yes shlw32M.lib
Base tuning for C++ programs: -fast -Qcxx_features +FD0 ONESTEP=yes
Portability flags:
  176.gcc: -Dalloca=_alloca /F10000000
  186.crafty: -DNT_i386
  253.perlbmk: -DSPEC_CPU2000_NTOS -DPERLDLL /MT
  254.gap: -DSYS_HAS_CALLOC_PROTO -DSYS_HAS_MALLOC_PROTO
Peak tuning:
  164.gzip: -fast +FD0 ONESTEP=yes
  175.vpr: -fast +FD0 ONESTEP=yes
  176.gcc: basepeak = 1
  181.mcf: -fast +FD0 ONESTEP=yes shlw32M.lib
  186.crafty: -fast -Oa +FD0 ONESTEP=yes shlw32M.lib
  197.parser: -fast +FD0 ONESTEP=yes
  252.eon: -fast +FD0 ONESTEP=yes shlw32M.lib
  253.perlbmk: -fast -Oa +FD0 ONESTEP=yes shlw32M.lib
  254.gap: -fast +FD0 ONESTEP=yes shlw32M.lib
  255.vortex: -fast +FD0 ONESTEP=yes shlw32M.lib
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SPECint_base2000 = 1353

Notes/Tuning Information (Continued)

256.bzip2: -fast -Oa -Qunroll1 +FDO ONESTEP=yes shlw32M.lib
300.twolf: -fast +FDO shlw32M.lib

BIOS Configuration Notes
Hyper-Threading Technology disabled
Other Configuration Notes
/NUMPROC=1 flag was added to boot.ini to invoke uniprocessor environment.