



CINT2000 Result

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Hewlett-Packard Company
ProLiant DL360 G5 (3.0GHz, Intel Xeon processor 5160)

SPECint_rate2000 = 35.2
SPECint_rate_base2000 = 35.0

SPEC license #: 3 Tested by: Hewlett-Packard Company Test date: Jun-2006 Hardware Avail: Jun-2006 Software Avail: May-2006

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.zip	1	75.7	21.4	1	75.7	21.5
175.vpr	1	65.1	25.0	1	62.6	25.9
176.gcc	1	34.6	36.8	1	34.6	36.8
181.mcf	1	42.1	49.6	1	42.1	49.6
186.crafty	1	36.3	31.9	1	36.3	31.9
197.parser	1	73.3	28.5	1	73.0	28.6
252.eon	1	33.1	45.5	1	33.2	45.4
253.perlbnk	1	50.0	41.7	1	49.9	41.9
254.gap	1	38.0	33.6	1	38.0	33.6
255.vortex	1	38.2	57.7	1	38.2	57.7
256.bzip2	1	66.4	26.2	1	66.4	26.2
300.twolf	1	87.4	39.8	1	87.4	39.8

Hardware

CPU: Intel Xeon processor 5160 (3.0GHz, 4MB L2 shared, 1333MHz bus)
CPU MHz: 3000
FPU: Integrated
CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip
CPU(s) orderable: 1,2 chips
Parallel: No
Primary Cache: 32KBI + 32KBD (on chip) per core
Secondary Cache: 4096KB(I+D) (on chip) shared
L3 Cache: N/A
Other Cache: N/A
Memory: 8x1024MB PC2-5300F
Disk Subsystem: 1x36GB 10K SAS
Other Hardware:

Software

Operating System: Windows Server 2003 Enterprise SP1
Compiler: Intel C++ Compiler for 32-bit applications, (Version 9.1 Build 20060323Z)
Microsoft Visual Studio .NET 7.0.9466 (for libraries)
MicroQuill Smartheap Library 7.0
File System: NTFS
System State: Default

Notes/Tuning Information

```
+FDO: PASS1=-Qprof_gen PASS2=-Qprof_use
Base tuning for C programs: -fast +FDO ONESTEP=yes shlw32M.lib
Base tuning for C++ programs: -fast -Qcxx_features +FDO ONESTEP=yes
Portability flags:
176.gcc: -Dalloca=_alloca /F10000000
186.crafty: -DNT_i386
253.perlbnk: -DSPEC_CPU2000_NTOS -DPERLDLL /MT
254.gap: -DSYS_HAS_CALLOC_PROTO -DSYS_HAS_MALLOC_PROTO
Peak tuning:
164.zip: -fast +FDO ONESTEP=yes
175.vpr: -fast +FDO ONESTEP=yes
176.gcc: basepeak=1
181.mcf: -fast +FDO ONESTEP=yes shlw32M.lib
186.crafty: -fast -Oa +FDO ONESTEP=yes shlw32M.lib
197.parser: -fast +FDO ONESTEP=yes
252.eon: -fast +FDO
253.perlbnk: -fast -Oa +FDO ONESTEP=yes shlw32M.lib
254.gap: -fast +FDO ONESTEP=yes
255.vortex: -fast +FDO ONESTEP=yes shlw32M.lib
256.bzip2: basepeak=1
```



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Notes/Tuning Information (Continued)

300.twolf: -fast +FDO shlw32M.lib
BIOS Configuration Notes
Power Regulator set to Static High Performance Mode