



CINT2000 Result

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Hewlett-Packard Company
ProLiant DL360 G3(3.06GHz, Intel Xeon)

SPECint_rate2000 = 14.5
SPECint_rate_base2000 = 13.6

SPEC license #: 3 Test date: Hewlett-Packard Company, Houston TX Test date: Jun-2003 Hardware Avail: Jul-2003 Software Avail: Mar-2003

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	1	124	13.1	1	117	13.9
175.vpr	1	175	9.28	1	162	10.0
176.gcc	1	82.8	15.4	1	66.9	19.1
181.mcf	1	241	8.67	1	231	9.03
186.crafty	1	85.0	13.6	1	84.8	13.7
197.parser	1	160	13.1	1	156	13.4
252.eon	1	96.2	15.7	1	81.1	18.6
253.perlbnk	1	128	16.3	1	122	17.1
254.gap	1	77.7	16.4	1	73.9	17.3
255.vortex	1	119	18.5	1	118	18.7
256.bzip2	1	161	10.8	1	155	11.2
300.twolf	1	204	17.1	1	207	16.8

Hardware

CPU: Intel Xeon (3.06GHz, 533MHz bus)
 CPU MHz: 3066
 FPU: Integrated
 CPU(s) enabled: 1 core, 1 chip, 1 core/chip
 CPU(s) orderable: 1,2
 Parallel: No
 Primary Cache: 12KBI + 8KBD on chip
 Secondary Cache: 512KB(I+D) on chip
 L3 Cache: 1024KB(I+D) on chip
 Other Cache: N/A
 Memory: 4x512MB PC2100
 Disk Subsystem: 2x36.4GB U320 15K
 Other Hardware:

Software

Operating System: Windows 2000 Server (Build 2195 SP3)
 Compiler: Intel C++ Compiler 7.0 Build 20021028Z
 Microsoft Visual Studio .NET (for libraries)
 MicroQuill Smartheap Library 6.03
 File System: NTFS
 System State: Default

Notes/Tuning Information

```
+FDO: PASS1=-Qprof_gen PASS2=-Qprof_use
Base tuning for C programs: -QxW -Qipo +FDO shlw32m.lib
Base tuning for C++ programs: -Qipo -GX -GR +FDO ONESTEP
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.gzip: -QxW -Qipo -O3 +FDO
175.vpr: -QxW -Qipo -O3 +FDO
176.gcc: -QxW -Qipo -O3 -Oi- +FDO shlw32M.lib
181.mcf: -Oa -Qipo +FDO shlw32M.lib
186.crafty: -QxW -Qipo -O3 +FDO
197.parser: -QxW -Qipo -Oa -O3 +FDO
252.eon: -QxW -Qipo -O3 +FDO
253.perlbnk: -Qipo -O3 -Oa +FDO shlw32M.lib
254.gap: -QxW -Qipo -O3 +FDO
255.vortex: -QxW -Qipo -O3 +FDO
256.bzip2: -Qunroll1 -Qipo -Oa +FDO
```



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Notes/Tuning Information (Continued)

300.twolf: -Qxi -Qipo +FDO shlw32M.lib