



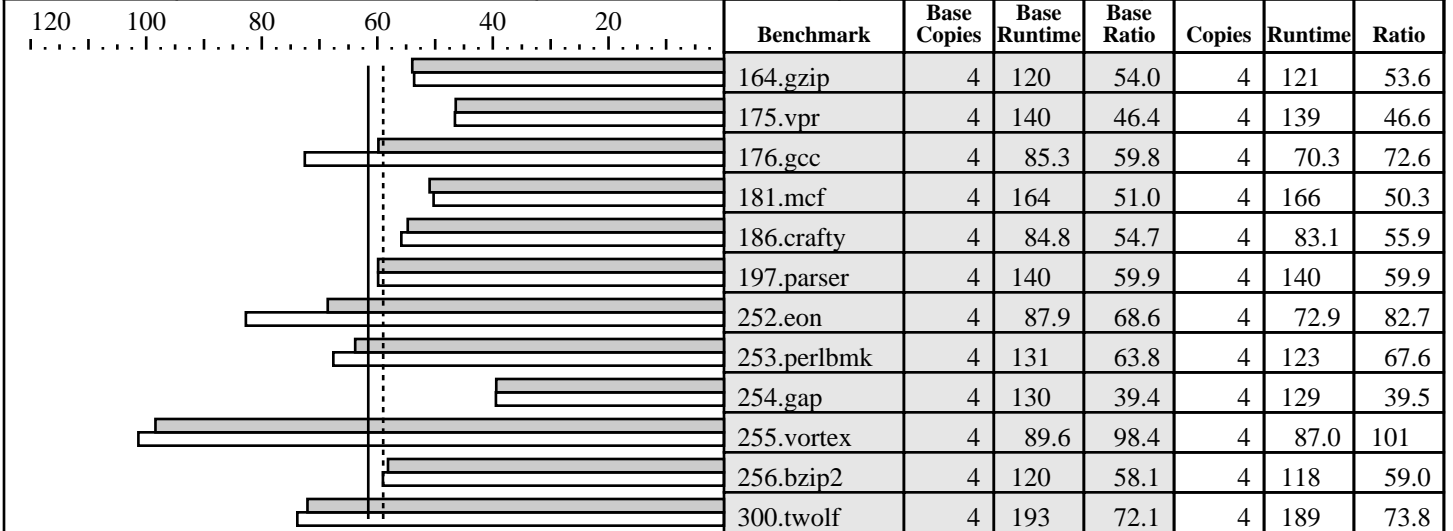
CINT2000 Result

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Hewlett-Packard Company
ProLiant DL580 G2 (3.0GHz, Intel Xeon MP)

SPECint_rate2000 = 61.6
SPECint_rate_base2000 = 59.0

SPEC license #: 3 Tested by: Hewlett-Packard Company Test date: Mar-2004 Hardware Avail: Feb-2004 Software Avail: Mar-2004



Hardware

CPU: Intel Xeon MP (3.0GHz, 400MHz bus)
 CPU MHz: 3000
 FPU: Integrated
 CPU(s) enabled: 4 cores, 4 chips, 1 core/chip (Hyper Threading Disabled)
 CPU(s) orderable: 1,2,4
 Parallel: No
 Primary Cache: 12K micro-ops I + 8KBD on chip
 Secondary Cache: 512KB(I+D) on chip
 L3 Cache: 4096KB(I+D) on chip
 Other Cache: N/A
 Memory: 16x512MB PC1600
 Disk Subsystem: 2x18.2GB 15K Ultra320 SCSI
 Other Hardware:

Software

Operating System: Windows 2000 Advanced Server (Build 2195 SP3)
 Compiler: Intel C++ Compiler 8.0 Build 20031211Z
 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: -QxN -Qipo -O3 +FDO ONESTEP=yes
Base tuning for C++ programs: -Qipo -GX -GR +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.gzip: -QxN -Qipo -Oa -O3 +FDO ONESTEP=yes
 175.vpr: -QxN -Qipo -O3 +FDO ONESTEP=yes
 176.gcc: -QxN -Qipo -Oi- -O3 +FDO ONESTEP=yes
 181.mcf: -QxN -Qipo -O3 +FDO shlw32M.lib ONESTEP=yes
 186.crafty: -QxN -Qipo -Oa -O3 +FDO shlw32M.lib ONESTEP=yes
 197.parser: -QxN -Qipo -O3 +FDO ONESTEP=yes
 252.eon: -QxN -Qipo -O3 +FDO ONESTEP=yes
 253.perlbnk: -Qipo -Oa -O3 +FDO shlw32M.lib ONESTEP=yes
 254.gap: -QxN -Qipo -O3 +FDO ONESTEP=yes
 255.vortex: -QxN -Qipo -O3 +FDO shlw32M.lib ONESTEP=yes
 256.bzip2: -Qunroll1 -Oa -Qipo +FDO ONESTEP=yes
```



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Notes/Tuning Information (Continued)

300.twolf: -QxN -Qipo -O3 +FDO shlw32M.lib ONESTEP=yes
BIOS Configuration Notes
Hyper Threading disabled