



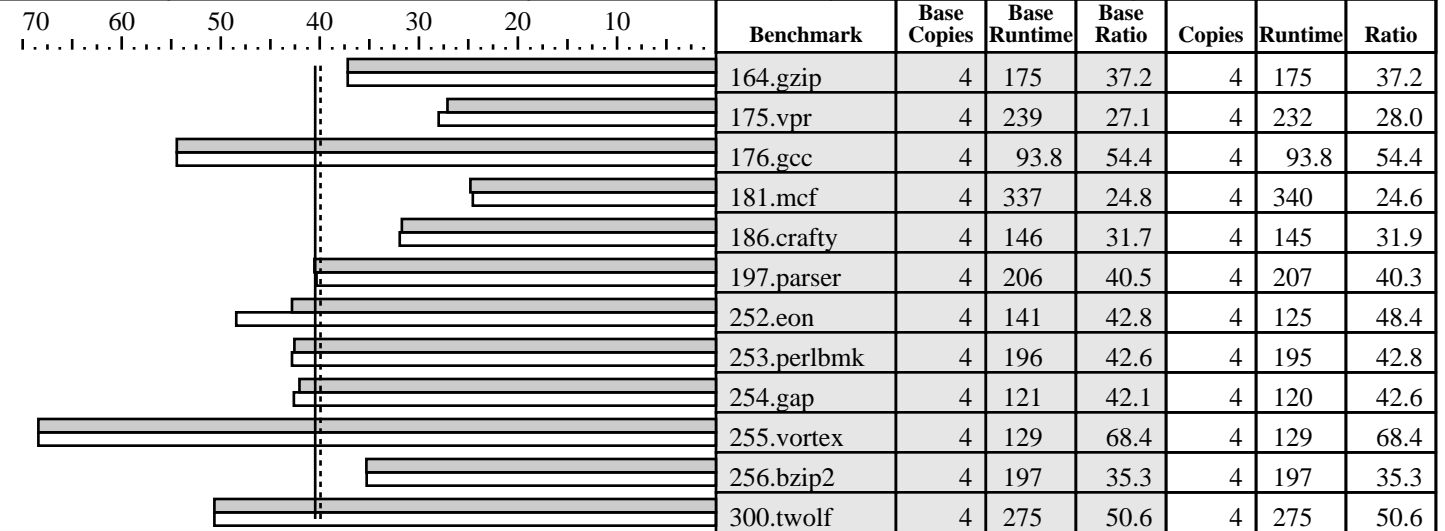
# CINT2000 Result

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Hewlett-Packard Company  
ProLiant DL360 G4p (3.6GHz, Intel Xeon)

SPECint\_rate2000 = 40.5  
SPECint\_rate\_base2000 = 39.9

SPEC license #: 3 Tested by: Hewlett-Packard Company Test date: Mar-2005 Hardware Avail: Mar-2005 Software Avail: Feb-2005



### Hardware

CPU: Intel Xeon (3.6GHz, 2MB L2, 800MHz bus)  
 CPU MHz: 3600  
 FPU: Integrated  
 CPU(s) enabled: 2 cores, 2 chips, 1 core/chip (Hyper-Threading Technology enabled)  
 CPU(s) orderable: 1,2  
 Parallel: No  
 Primary Cache: 12K micro-ops I + 16KBD on chip  
 Secondary Cache: 2048KB(I+D) on chip  
 L3 Cache: N/A  
 Other Cache: N/A  
 Memory: 4x2048MB PC2-3200 CL3 Dual-Rank DIMMs  
 Disk Subsystem: 1x36.4GB 10K U320  
 Other Hardware:

### Software

Operating System: Windows Server 2003 Standard (Build 3790)  
 Compiler: Intel C++ Compiler 8.1 Build 20040802Z  
 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
+FDO*: PASS1=-Qprof_gen PASS2=-Qprof_use (-QxP not used in PASS1 to enable cross-compilation)
Base tuning for C programs: -fast +FDO shlw32M.lib
Base tuning for C++ programs: -fast -GX -GR
Portability flags:
 176.gcc: -Dalloca=_alloca /F10000000
 186.crafty: -DNT_i386
 253.perlbnk: -DSPEC_CPU2000_NTOS -DPERLDDL /MT
 254.gap: -DSYS_HAS_CALLOC_PROTO -DSYS_HAS_MALLOC_PROTO
Peak tuning:
 164.gzip: basepeak=1
 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: -QxP -O2 -Qipo +FDO*
 253.perlbnk: -fast -Oa +FDO ONESTEP=yes shlw32M.lib
 254.gap: -fast +FDO ONESTEP=yes
 255.vortex: basepeak=1
```



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## Notes/Tuning Information (Continued)

256.bzip2: -fast -Oa -Qunroll11 +FDO ONESTEP=yes  
300.twolf: basepeak=1  
BIOS Configuration Notes  
Hyper-Threading Technology enabled