CINT2000 Result

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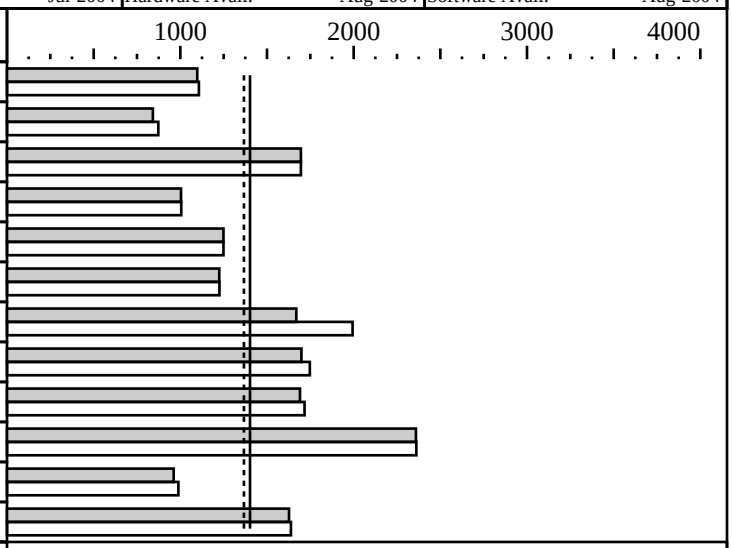
Hewlett-Packard Company
ProLiant DL360 G4 (3.4GHz, Intel Xeon)

SPECint2000 = 1402

SPECint_base2000 = 1367

SPEC license #: 3 | Tested by: Hewlett-Packard Company | Test date: Jul-2004 | Hardware Avail: Aug-2004 | Software Avail: Aug-2004

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	128	1098	126	1107
175.vpr	1400	166	842	160	873
176.gcc	1100	64.9	1696	64.9	1696
181.mcf	1800	179	1004	179	1005
186.crafty	1000	80.1	1249	80.1	1249
197.parser	1800	147	1225	147	1226
252.eon	1300	77.9	1669	65.2	1994
253.perlbmk	1800	106	1699	103	1747
254.gap	1100	65.1	1690	64.1	1717
255.vortex	1900	80.5	2359	80.5	2362
256.bzip2	1500	156	962	152	989
300.twolf	3000	184	1627	183	1638



Hardware

CPU:	Intel Xeon (3.4GHz, 1MB L2, 800MHz bus)
CPU MHz:	3400
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip (HT Technology disabled)
CPU(s) orderable:	1,2
Parallel:	No
Primary Cache:	16K micro-ops I + 16KBD on chip
Secondary Cache:	1024KB(I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	2x1024MB PC2700 DDR-333
Disk Subsystem:	1x250GB SATA
Other Hardware:	

Software

Operating System:	Windows Server 2003 Standard (Build 3790)
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
+FDO*: FDO (-QxP not used in PASS1 to enable cross-compilation)

Base tuning for C programs:   -QxP -fast +FDO* shlw32M.lib
Base tuning for C++ programs: -QxP -fast -GX -GR
Portability flags:
  176.gcc: -Dalloca=_alloca /F10000000
  186.crafy: -DNT_i386
  253.perlbmk: -DSPEC_CPU2000_NTOS -DPERLDLL /MT
  254.gap: -DSYS_HAS_CALLOC_PROTO -DSYS_HAS_MALLOC_PROTO
Peak tuning:
  164.gzip:   -QxP -fast -Oa           +FDO  ONESTEP=yes
  175.vpr:    -QxP -fast               +FDO  ONESTEP=yes
  176.gcc:    basepeak = 1
  181.mcf:    -QxP -fast               +FDO  ONESTEP=yes shlw32M.lib
  186.crafty: -QxP -fast -Oa           +FDO  ONESTEP=yes shlw32M.lib
  197.parser: -QxP -fast               +FDO  ONESTEP=yes
  252.eon:    -QxP       -O2 -Qipo     +FDO* ONESTEP=yes
  253.perlbmk:     -fast -Oa           +FDO  ONESTEP=yes shlw32M.lib
  254.gap:    -QxP -fast               +FDO  ONESTEP=yes
```

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Notes/Tuning Information (Continued)

```
    255.vortex: -QxP -fast               +FDO  ONESTEP=yes shlw32M.lib
    256.bzip2:       -fast -Oa -Qunroll1 +FDO  ONESTEP=yes
    300.twolf:  -QxP -fast -O3           +FDO* shlw32M.lib
  BIOS Configuration Notes
    HT Technology disabled
```