CINT2000 Result

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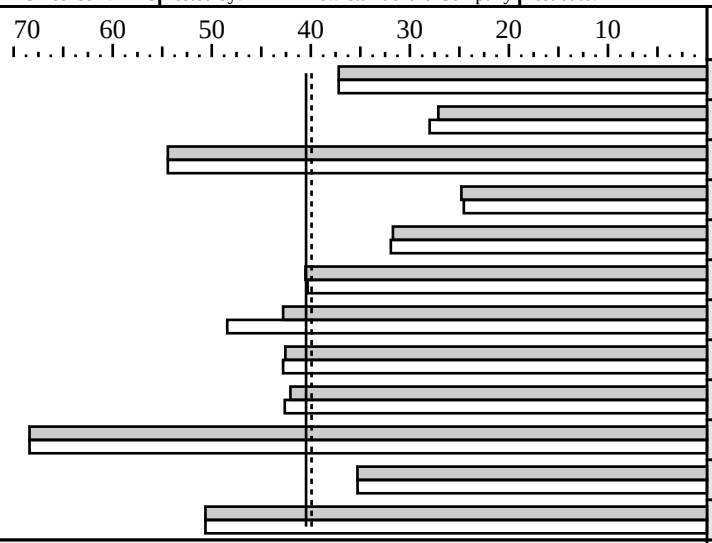
Hewlett-Packard Company

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	4	175	37.2	4	175	37.2
175.vpr	4	239	27.1	4	232	28.0
176.gcc	4	93.8	54.4	4	93.8	54.4
181.mcf	4	337	24.8	4	340	24.6
186.crafty	4	146	31.7	4	145	31.9
197.parser	4	206	40.5	4	207	40.3
252.eon	4	141	42.8	4	125	48.4
253.perlbmk	4	196	42.6	4	195	42.8
254.gap	4	121	42.1	4	120	42.6
255.vortex	4	129	68.4	4	129	68.4
256.bzip2	4	197	35.3	4	197	35.3
300.twolf	4	275	50.6	4	275	50.6

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.perlbmk: -DSPEC_CPU2000_NTOS -DPERLDLL /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.perlbmk:    -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 -Qunroll1 +FDO  ONESTEP=yes
    300.twolf:   basepeak=1
  BIOS Configuration Notes
    Hyper-Threading Technology enabled
```