CINT2000 Result

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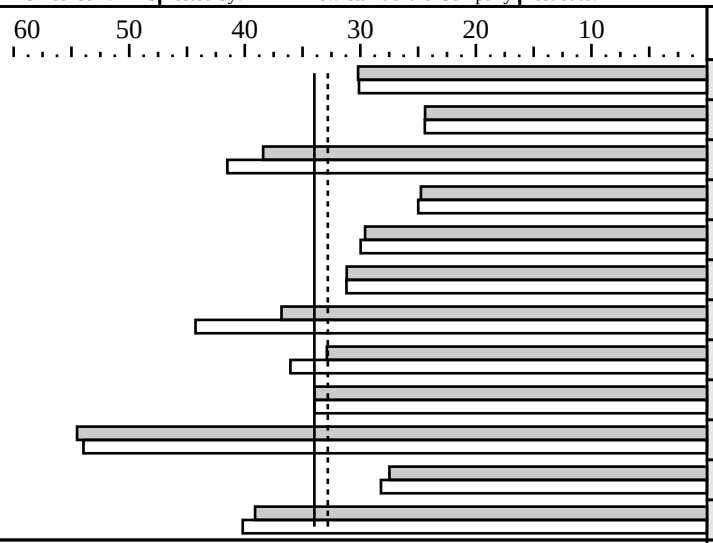
Hewlett-Packard Company

ProLiant DL360 G3 (3.2GHz/2MB L3 cache, Intel Xeon)

SPECint_rate2000 = 34.0

SPECint_rate_base2000 = 32.8

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	2	108	30.2	2	108	30.1
175.vpr	2	133	24.4	2	133	24.4
176.gcc	2	66.4	38.4	2	61.5	41.5
181.mcf	2	169	24.8	2	167	25.0
186.crafty	2	78.4	29.6	2	77.4	30.0
197.parser	2	134	31.2	2	134	31.2
252.eon	2	81.9	36.8	2	68.1	44.3
253.perlbmk	2	127	32.9	2	116	36.0
254.gap	2	75.1	34.0	2	75.1	34.0
255.vortex	2	80.9	54.5	2	81.7	54.0
256.bzip2	2	127	27.5	2	123	28.2
300.twolf	2	178	39.1	2	173	40.2

Hardware

CPU:	Intel Xeon (3.2GHz, 533MHz bus)
CPU MHz:	3200
FPU:	Integrated
CPU(s) enabled:	2 cores, 2 chips, 1 core/chip (HT Technology disabled)
CPU(s) orderable:	1,2
Parallel:	No
Primary Cache:	12K micro-ops I + 8KBD on chip
Secondary Cache:	512KB(I+D) on chip
L3 Cache:	2048KB(I+D) on chip
Other Cache:	N/A
Memory:	4x512MB PC2100
Disk Subsystem:	1x36.4GB 15K Ultra320 SCSI
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
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.crafy: -DNT_i386
  253.perlbmk: -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.perlbmk:    -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
  HT Technology disabled
```