CINT2000 Result

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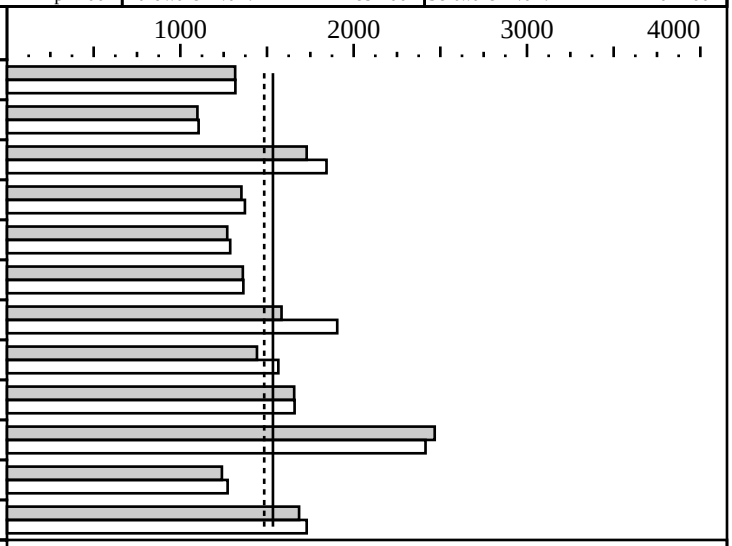
Hewlett-Packard Company
ProLiant DL380 G3 (3.2GHz, Intel Xeon)

SPECint2000 = 1534

SPECint_base2000 = 1484

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	106	1316	106	1318
175.vpr	1400	127	1099	127	1105
176.gcc	1100	63.6	1729	59.7	1843
181.mcf	1800	133	1352	131	1373
186.crafty	1000	78.7	1271	77.7	1288
197.parser	1800	132	1361	132	1364
252.eon	1300	82.1	1584	68.2	1905
253.perlbmk	1800	125	1442	115	1565
254.gap	1100	66.4	1657	66.3	1659
255.vortex	1900	77.0	2468	78.7	2415
256.bzip2	1500	121	1240	118	1273
300.twolf	3000	178	1685	174	1729



Hardware

CPU:	Intel Xeon (3.2GHz, 533MHz bus)
CPU MHz:	3200
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 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
```