CINT2000 Result

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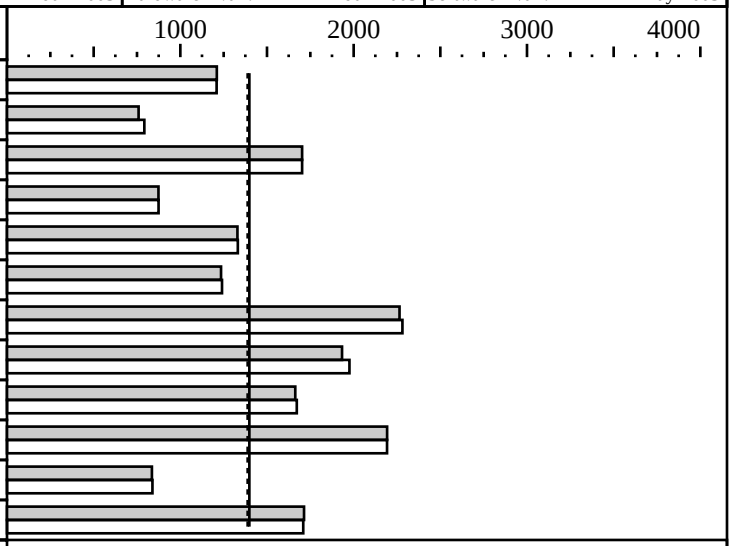
Hewlett-Packard Company
ProLiant DL580 G3 (3.66GHz, Intel Xeon)

SPECint2000 = 1398

SPECint_base2000 = 1388

SPEC license #: 3 | Tested by: Hewlett-Packard Company | Test date: Jun-2005 | Hardware Avail: Jun-2005 | Software Avail: May-2005

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	116	1210	116	1209
175.vpr	1400	184	759	177	792
176.gcc	1100	64.6	1703	64.6	1703
181.mcf	1800	206	874	206	874
186.crafty	1000	75.2	1329	75.1	1332
197.parser	1800	146	1235	145	1240
252.eon	1300	57.4	2265	57.0	2281
253.perlbmk	1800	93.1	1933	91.1	1976
254.gap	1100	66.1	1663	65.8	1672
255.vortex	1900	86.6	2193	86.7	2193
256.bzip2	1500	179	836	179	839
300.twolf	3000	175	1714	176	1709



Hardware

CPU:	Intel Xeon MP (3.66GHz, 1MB L2, 667MHz bus)
CPU MHz:	3666
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip (Hyper-Threading Technology disabled)
CPU(s) orderable:	1,2,4
Parallel:	No
Primary Cache:	12K micro-ops I + 16KBD on chip
Secondary Cache:	1024KB(I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	16x2048MB DDR2-400
Disk Subsystem:	1x36.4GB 15K Ultra320 SCSI
Other Hardware:	

Software

Operating System:	Windows Server 2003 Enterprise (Build 3790)
Compiler:	Intel C++ Compiler for 32-bit applications, Version 8.1 Build 20050524Z 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:   -fast        +FDO  ONESTEP=yes shlw32M.lib
Base tuning for C++ programs: -fast -Qcxx_features +FDO
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:            -fast               +FDO  ONESTEP=yes
  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:             -fast               +FDO
  253.perlbmk:         -fast -Oa           +FDO  ONESTEP=yes shlw32M.lib
  254.gap:             -fast               +FDO  ONESTEP=yes
  255.vortex:          -fast               +FDO  ONESTEP=yes shlw32M.lib
```

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Notes/Tuning Information (Continued)

```
  256.bzip2:          -fast -Oa -Qunroll1 +FDO  ONESTEP=yes shlw32M.lib
  300.twolf:          -fast               +FDO              shlw32M.lib
BIOS Configuration Notes
  Hyper-Threading Technology disabled
```