CINT2000 Result

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Hewlett-Packard Company

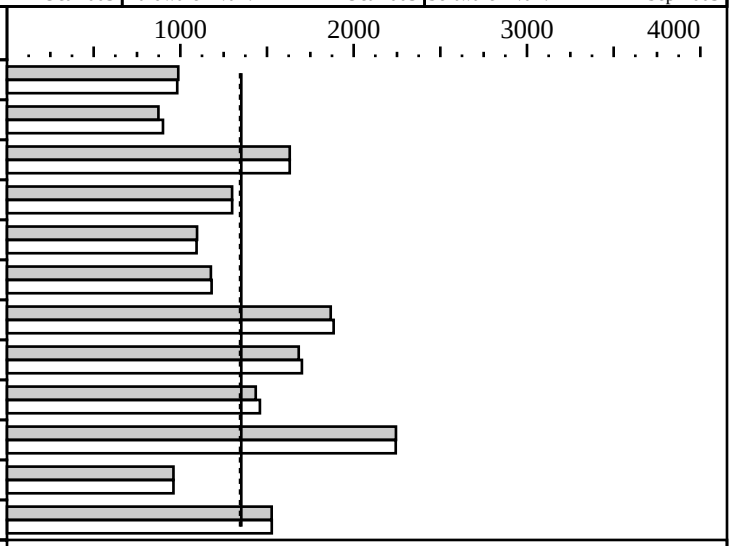
ProLiant DL580 G3 (3.0GHz, Dual-Core Intel(R) Xeon(R) processor)

SPECint2000 = 1352

SPECint_base2000 = 1345

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	142	988	143	982
175.vpr	1400	160	874	156	900
176.gcc	1100	67.4	1631	67.4	1631
181.mcf	1800	139	1299	139	1299
186.crafty	1000	91.2	1096	91.4	1094
197.parser	1800	153	1176	152	1180
252.eon	1300	69.6	1868	69.0	1884
253.perlbmk	1800	107	1683	106	1701
254.gap	1100	76.7	1435	75.4	1459
255.vortex	1900	84.7	2244	84.7	2243
256.bzip2	1500	156	960	156	960
300.twolf	3000	196	1527	196	1527



Hardware

CPU:	Dual-Core Intel(R) Xeon(R) processor (3.0GHz, 2x2MB L2, 667MHz bus)
CPU MHz:	3000
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 2 cores/chip (Hyper-Threading Technology disabled)
CPU(s) orderable:	1,2,4
Parallel:	No
Primary Cache:	12K micro-ops I + 16KBD (on chip) per core
Secondary Cache:	2048KB(I+D) (on chip) per core
L3 Cache:	N/A
Other Cache:	N/A
Memory:	4x1024MB PC2-3200
Disk Subsystem:	1x72.8GB 15K Ultra320 SCSI
Other Hardware:	

Software

Operating System:	Windows Server 2003 Enterprise SP1
Compiler:	Intel C++ Compiler for 32-bit applications, (Version 9.0 Build 20050912Z) 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  ONESTEP=yes
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
Other Configuration Notes
  /NUMPROC=1 flag was added to boot.ini to invoke uniprocessor environment.
```