CINT2000 Result

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Hewlett-Packard Company

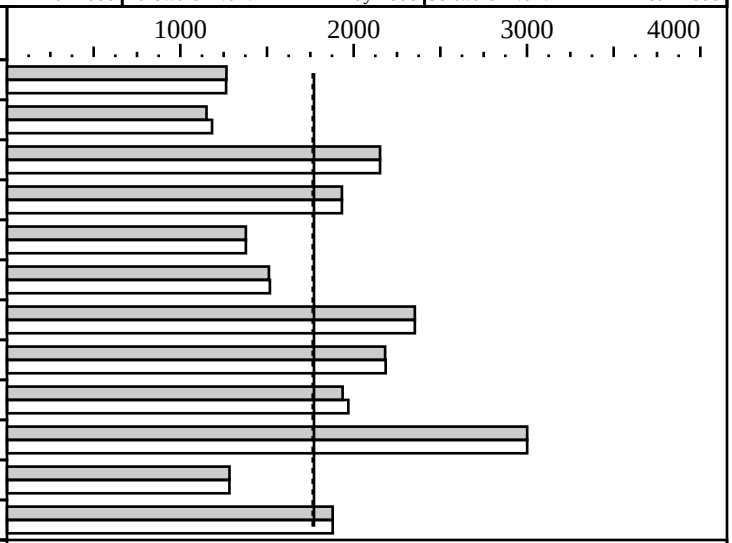
ProLiant DL380 G5 (3.73GHz, Intel Xeon Processor 5080)

SPECint2000 = 1771

SPECint_base2000 = 1764

SPEC license #: 3 | Tested by: Hewlett-Packard Company | Test date: Mar-2006 | Hardware Avail: May-2006 | Software Avail: Jan-2006

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	111	1266	111	1264
175.vpr	1400	122	1151	118	1183
176.gcc	1100	51.1	2152	51.1	2152
181.mcf	1800	93.2	1932	93.2	1932
186.crafty	1000	72.6	1378	72.6	1378
197.parser	1800	119	1511	119	1517
252.eon	1300	55.3	2353	55.3	2353
253.perlbmk	1800	82.5	2181	82.4	2185
254.gap	1100	56.8	1936	55.9	1969
255.vortex	1900	63.3	3001	63.3	3001
256.bzip2	1500	117	1284	117	1283
300.twolf	3000	160	1879	160	1879



Hardware

CPU:	Intel Xeon Processor 5080(3.73GHz, 2x2MB L2, 1066MHz bus)
CPU MHz:	3730
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 2 cores/chip (Hyper-Threading Technology disabled)
CPU(s) orderable:	1,2
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:	8x2GB PC2-5300F
Disk Subsystem:	1x72GB SAS
Other Hardware:	

Software

Operating System:	Windows Server 2003 Enterprise SP1
Compiler:	Intel C++ Compiler for 32-bit applications, (Version 9.0 Build 20060120Z) Intel Fortran Compiler for 32-bit applications, (Version 9.0 Build 20060120Z) 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:      basepeak = 1
  186.crafty:   basepeak = 1
  197.parser:   -fast               +FDO  ONESTEP=yes
  252.eon:      basepeak = 1
  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 shlw32M.lib
BIOS Configuration Notes
  Hyper-Threading Technology disabled
Other Configuration Notes
  /NUMPROC=1 flag was added to boot.ini to invoke uniprocessor environment.
```