CINT2000 Result

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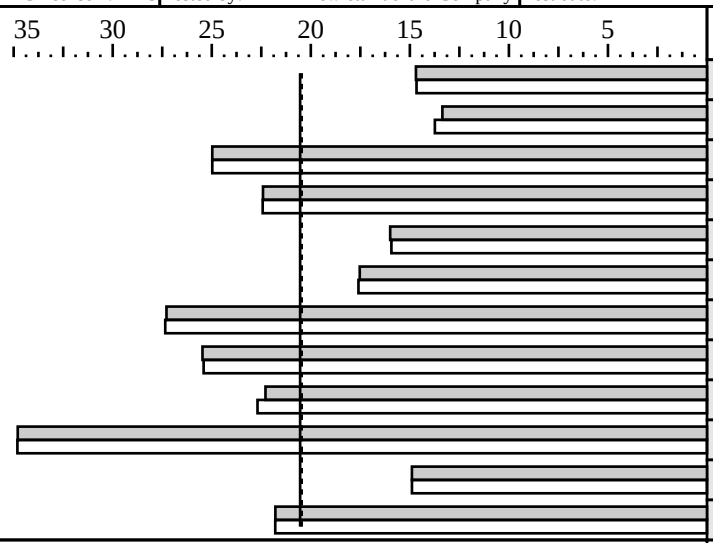
Hewlett-Packard Company

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

SPECint_rate2000 = 20.5

SPECint_rate_base2000 = 20.5

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	1	111	14.7	1	111	14.7
175.vpr	1	122	13.4	1	118	13.7
176.gcc	1	51.1	25.0	1	51.1	25.0
181.mcf	1	93.2	22.4	1	93.1	22.4
186.crafty	1	72.5	16.0	1	72.8	15.9
197.parser	1	119	17.5	1	119	17.6
252.eon	1	55.3	27.3	1	55.1	27.3
253.perlbmk	1	82.0	25.5	1	82.2	25.4
254.gap	1	57.3	22.3	1	56.2	22.7
255.vortex	1	63.3	34.8	1	63.3	34.8
256.bzip2	1	117	14.9	1	117	14.9
300.twolf	1	160	21.8	1	160	21.8

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.
```