CINT2000 Result

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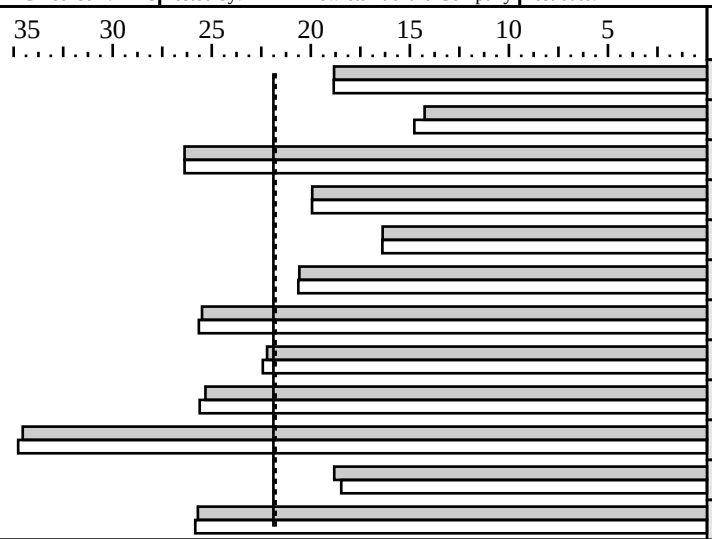
Hewlett-Packard Company
ProLiant DL140 G2 (3.6GHz, Intel Xeon)

SPECint_rate2000 = 21.9

SPECint_rate_base2000 = 21.8

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	2	173	18.8	2	172	18.8
175.vpr	2	228	14.3	2	220	14.8
176.gcc	2	96.8	26.4	2	96.8	26.4
181.mcf	2	210	19.9	2	209	19.9
186.crafty	2	142	16.4	2	142	16.4
197.parser	2	203	20.6	2	202	20.6
252.eon	2	118	25.5	2	118	25.7
253.perlbmk	2	188	22.2	2	186	22.4
254.gap	2	101	25.3	2	99.7	25.6
255.vortex	2	128	34.5	2	127	34.8
256.bzip2	2	185	18.8	2	188	18.5
300.twolf	2	271	25.7	2	269	25.8

Hardware

CPU:	Intel Xeon (3.6GHz, 2MB L2, 800MHz bus)
CPU MHz:	3600
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip (Hyper-Threading Technology enabled)
CPU(s) orderable:	1,2
Parallel:	No
Primary Cache:	12K micro-ops I + 16KBD on chip
Secondary Cache:	2048KB(I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	8x1024MB PC2-3200
Disk Subsystem:	1x36.4GB 15K Ultra320 SCSI
Other Hardware:	

Software

Operating System:	Windows Server 2003 Standard (Build 3790)
Compiler:	Intel C++ Compiler 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  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 enabled
```