# CINT2000 Result

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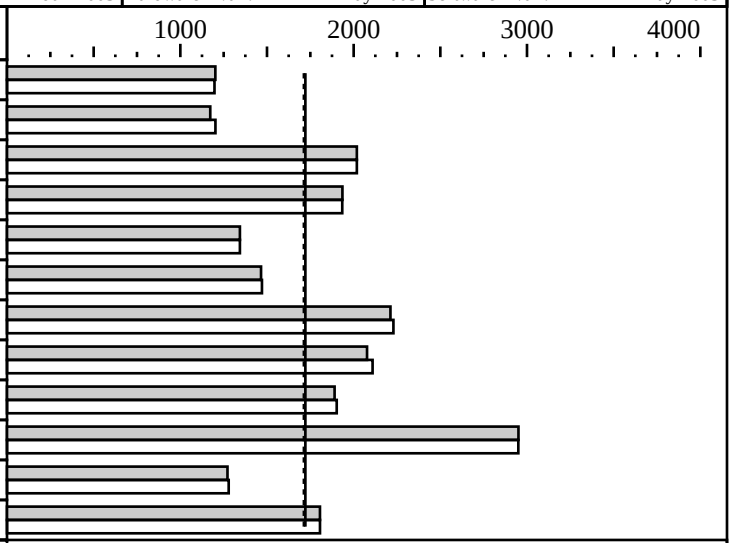
## Hewlett-Packard Company
## ProLiant DL140 G2 (3.6GHz, Intel Xeon)

SPECint2000 = 1721

SPECint_base2000 = 1713

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

| Benchmark | Reference Time | Base Runtime | Base Ratio | Runtime | Ratio |
|---|---|---|---|---|---|
| 164.gzip | 1400 | 116 | 1202 | 117 | 1197 |
| 175.vpr | 1400 | 119 | 1173 | 116 | 1203 |
| 176.gcc | 1100 | 54.5 | 2018 | 54.5 | 2018 |
| 181.mcf | 1800 | 93.0 | 1935 | 93.1 | 1934 |
| 186.crafty | 1000 | 74.4 | 1344 | 74.4 | 1344 |
| 197.parser | 1800 | 123 | 1466 | 122 | 1471 |
| 252.eon | 1300 | 58.8 | 2212 | 58.3 | 2229 |
| 253.perlbmk | 1800 | 86.7 | 2077 | 85.3 | 2109 |
| 254.gap | 1100 | 58.2 | 1890 | 57.8 | 1902 |
| 255.vortex | 1900 | 64.4 | 2951 | 64.4 | 2950 |
| 256.bzip2 | 1500 | 118 | 1272 | 117 | 1279 |
| 300.twolf | 3000 | 166 | 1806 | 166 | 1806 |




### 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 disabled) |
| 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<br>Microsoft Visual Studio .NET 7.0.9466 (for libraries)<br>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
```