CINT2000 Result

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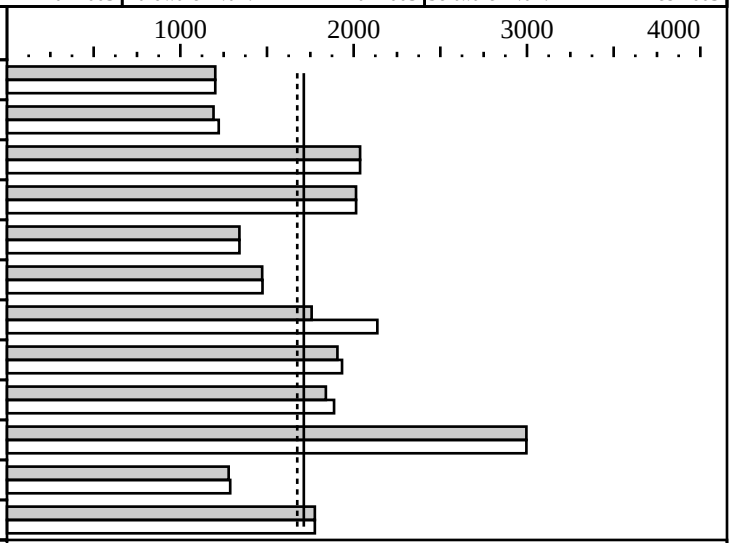
Hewlett-Packard Company
ProLiant DL360 G4p (3.6GHz, Intel Xeon)

SPECint2000 = 1712

SPECint_base2000 = 1675

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	117	1202	117	1202
175.vpr	1400	118	1191	115	1222
176.gcc	1100	54.0	2037	54.0	2037
181.mcf	1800	89.4	2014	89.4	2014
186.crafty	1000	74.6	1341	74.6	1341
197.parser	1800	122	1472	122	1474
252.eon	1300	74.0	1757	60.8	2137
253.perlbmk	1800	94.4	1906	93.1	1933
254.gap	1100	59.8	1840	58.3	1887
255.vortex	1900	63.4	2997	63.4	2997
256.bzip2	1500	117	1279	116	1288
300.twolf	3000	169	1776	169	1776



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:	4x2048MB PC2-3200 CL3 Dual-Rank DIMMs
Disk Subsystem:	1x36.4GB 10K U320
Other Hardware:	

Software

Operating System:	Windows Server 2003 Standard (Build 3790)
Compiler:	Intel C++ Compiler 8.1 Build 20040802Z 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
+FDO*: PASS1=-Qprof_gen  PASS2=-Qprof_use (-QxP not used in PASS1 to enable cross-compilation)
Base tuning for C programs:   -fast  +FDO  shlw32M.lib
Base tuning for C++ programs: -fast -GX -GR
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:       basepeak=1
  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:        -QxP      -O2 -Qipo +FDO*
  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
    300.twolf:   basepeak=1
  BIOS Configuration Notes
    Hyper-Threading Technology disabled
```