CINT2000 Result

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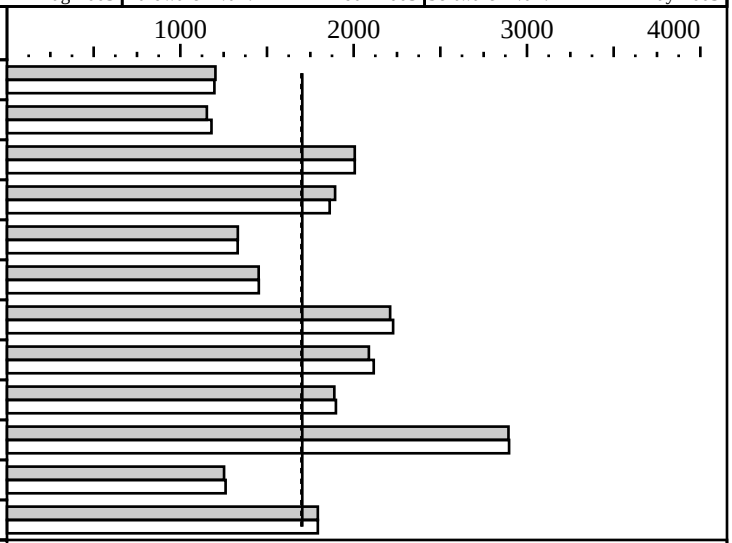
Hewlett-Packard Company
ProLiant BL20p G3 (3.6GHz, Intel Xeon)

SPECint2000 = 1703

SPECint_base2000 = 1698

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	116	1203	117	1197
175.vpr	1400	121	1153	119	1180
176.gcc	1100	54.8	2006	54.8	2006
181.mcf	1800	95.1	1893	96.7	1862
186.crafty	1000	75.1	1332	75.1	1331
197.parser	1800	124	1452	124	1453
252.eon	1300	58.8	2210	58.4	2228
253.perlbmk	1800	86.2	2088	85.1	2116
254.gap	1100	58.3	1888	58.0	1898
255.vortex	1900	65.7	2893	65.6	2897
256.bzip2	1500	120	1252	119	1261
300.twolf	3000	167	1793	167	1793



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
Disk Subsystem:	1x36.4GB 15K Ultra320 SCSI
Other Hardware:	

Software

Operating System:	Windows Server 2003 Enterprise Edition SP1
Compiler:	Intel C++ Compiler for 32-bit applications, (Version 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
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
```