CINT2000 Result

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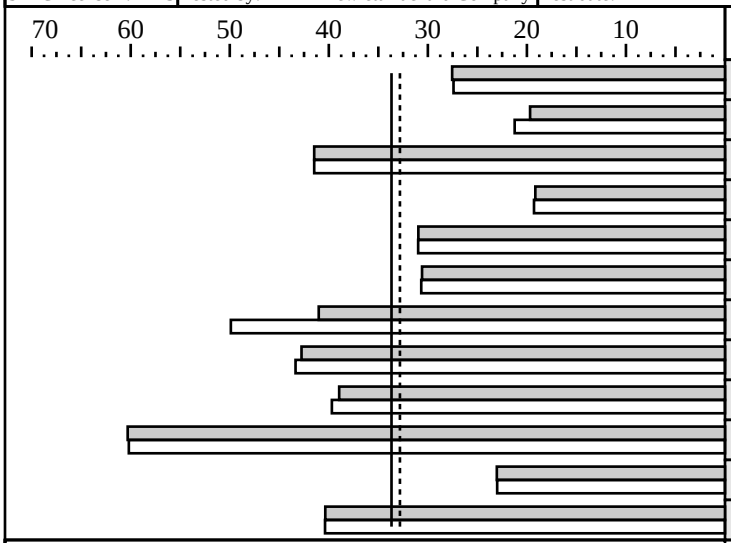
Hewlett-Packard Company
ProLiant BL20p G3 (3.6GHz, Intel Xeon)

SPECint_rate2000 = 33.7

SPECint_rate_base2000 = 32.8

SPEC license #: 3 | Tested by: Hewlett-Packard Company | Test date: Nov-2004 | Hardware Avail: Aug-2004 | Software Avail: Aug-2004



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	2	118	27.5	2	119	27.4
175.vpr	2	165	19.7	2	153	21.2
176.gcc	2	61.5	41.5	2	61.5	41.5
181.mcf	2	218	19.1	2	217	19.3
186.crafty	2	74.9	31.0	2	74.9	31.0
197.parser	2	137	30.6	2	136	30.7
252.eon	2	73.5	41.0	2	60.5	49.9
253.perlbmk	2	97.7	42.8	2	96.3	43.4
254.gap	2	65.5	39.0	2	64.3	39.7
255.vortex	2	73.1	60.3	2	73.2	60.2
256.bzip2	2	151	23.0	2	151	23.0
300.twolf	2	172	40.4	2	172	40.4

Hardware

CPU:	Intel Xeon (3.6GHz, 1MB L2, 800MHz bus)
CPU MHz:	3600
FPU:	Integrated
CPU(s) enabled:	2 cores, 2 chips, 1 core/chip (HT Technology disabled)
CPU(s) orderable:	1,2
Parallel:	No
Primary Cache:	12K micro-ops I + 16KBD on chip
Secondary Cache:	1024KB(I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	4x2048MB PC3200 CL3.0
Disk Subsystem:	1x72.8GB 15K 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
Base tuning for C programs:   -QxP  -fast  +FDO  shlw32M.lib
Base tuning for C++ programs: -QxP  -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:    -QxP  -fast  -Oa             +FDO  ONESTEP=yes
  175.vpr:     -QxP  -fast                  +FDO  ONESTEP=yes
  176.gcc:     basepeak=1
  181.mcf:     -QxP  -fast                  +FDO  ONESTEP=yes  shlw32M.lib
  186.crafty:  -QxP  -fast  -Oa             +FDO  ONESTEP=yes  shlw32M.lib
  197.parser:  -QxP  -fast                  +FDO  ONESTEP=yes
  252.eon:     -QxP         -O2  -Qipo      +FDO  ONESTEP=yes
  253.perlbmk:       -fast  -Oa             +FDO  ONESTEP=yes  shlw32M.lib
  254.gap:     -QxP  -fast                  +FDO  ONESTEP=yes
  255.vortex:  -QxP  -fast                  +FDO  ONESTEP=yes  shlw32M.lib
  256.bzip2:         -fast  -Oa  -Qunroll1  +FDO  ONESTEP=yes
```

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Notes/Tuning Information (Continued)

```
  300.twolf:   -QxP  -fast                    +FDO              shlw32M.lib
BIOS Configuration Notes
  HT Technology disabled
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