CINT2000 Result

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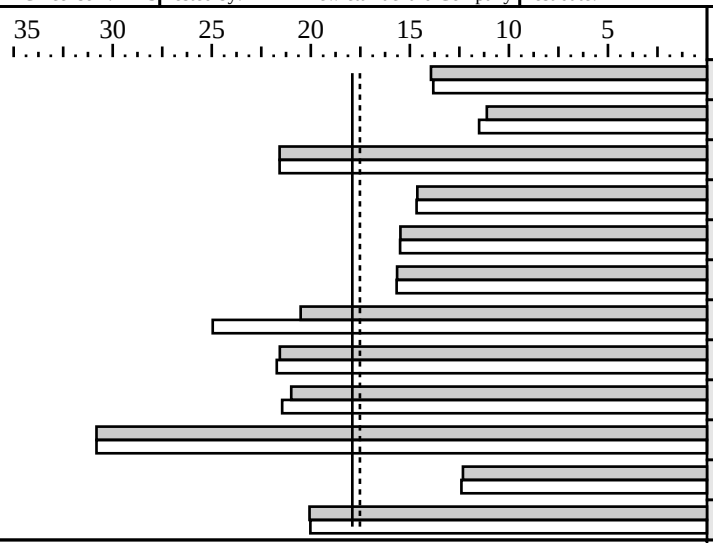
Hewlett-Packard Company
ProLiant BL20p G3 (3.6GHz, Intel Xeon)

SPECint_rate2000 = 17.9

SPECint_rate_base2000 = 17.5

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	1	117	13.9	1	118	13.8
175.vpr	1	146	11.1	1	141	11.5
176.gcc	1	59.1	21.6	1	59.1	21.6
181.mcf	1	143	14.6	1	142	14.7
186.crafty	1	75.0	15.5	1	74.9	15.5
197.parser	1	133	15.6	1	133	15.7
252.eon	1	73.5	20.5	1	60.4	25.0
253.perlbmk	1	96.8	21.6	1	96.1	21.7
254.gap	1	60.8	21.0	1	59.5	21.4
255.vortex	1	71.5	30.8	1	71.5	30.8
256.bzip2	1	141	12.3	1	140	12.4
300.twolf	1	173	20.1	1	174	20.0

Hardware

CPU:	Intel Xeon (3.6GHz, 1MB L2, 800MHz bus)
CPU MHz:	3600
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 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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