CINT2000 Result

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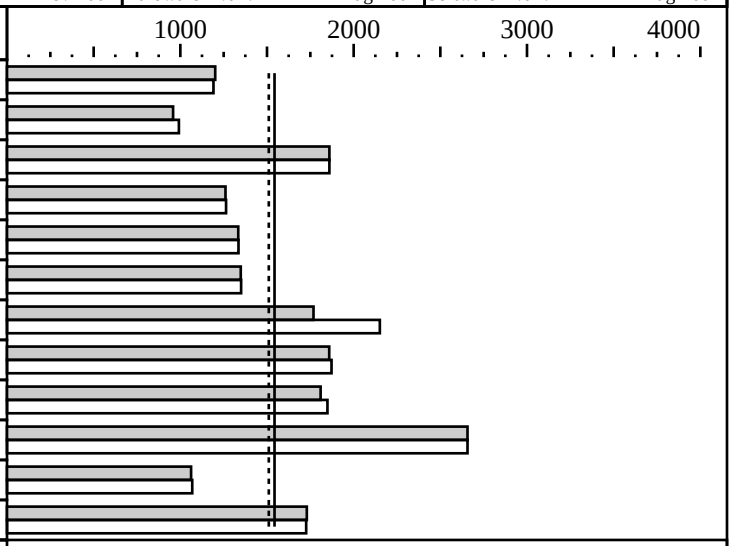
Hewlett-Packard Company
ProLiant BL20p G3 (3.6GHz, Intel Xeon)

SPECint2000 = 1543

SPECint_base2000 = 1510

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	117	1201	118	1191
175.vpr	1400	146	958	141	992
176.gcc	1100	59.1	1860	59.1	1860
181.mcf	1800	143	1261	142	1264
186.crafty	1000	75.0	1334	74.9	1336
197.parser	1800	133	1349	133	1351
252.eon	1300	73.5	1768	60.4	2151
253.perlbmk	1800	96.8	1859	96.1	1872
254.gap	1100	60.8	1809	59.5	1849
255.vortex	1900	71.5	2657	71.5	2657
256.bzip2	1500	141	1062	140	1069
300.twolf	3000	173	1730	174	1726



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)

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