CINT2000 Result

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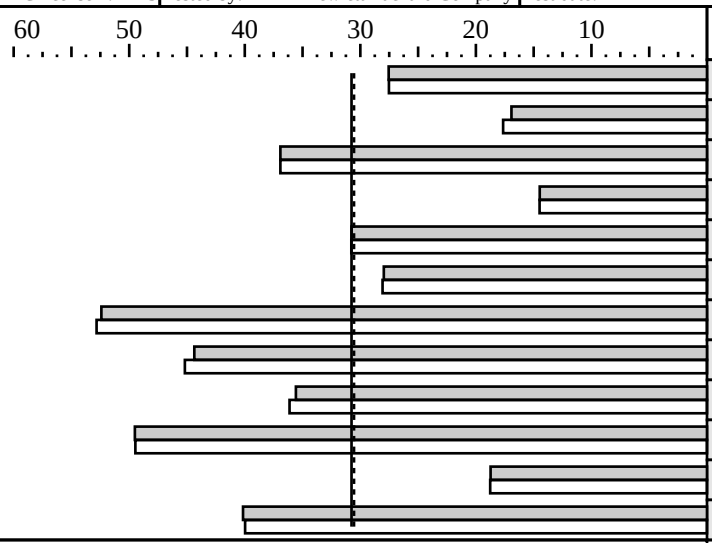
Hewlett-Packard Company
ProLiant DL580 G3 (3.66GHz, Intel Xeon)

SPECint_rate2000 = 30.8

SPECint_rate_base2000 = 30.5

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	2	118	27.5	2	118	27.5
175.vpr	2	192	16.9	2	184	17.6
176.gcc	2	69.1	36.9	2	69.1	36.9
181.mcf	2	289	14.5	2	288	14.5
186.crafty	2	75.4	30.8	2	75.4	30.8
197.parser	2	149	28.0	2	149	28.1
252.eon	2	57.5	52.4	2	57.1	52.8
253.perlbmk	2	94.1	44.4	2	92.4	45.2
254.gap	2	71.7	35.6	2	70.6	36.1
255.vortex	2	89.0	49.5	2	89.1	49.5
256.bzip2	2	186	18.7	2	185	18.8
300.twolf	2	173	40.2	2	174	40.0

Hardware

CPU:	Intel Xeon MP (3.66GHz, 1MB L2, 667MHz bus)
CPU MHz:	3666
FPU:	Integrated
CPU(s) enabled:	2 cores, 2 chips, 1 core/chip (Hyper-Threading Technology disabled)
CPU(s) orderable:	1,2,4
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:	16x2048MB DDR2-400
Disk Subsystem:	1x36.4GB 15K Ultra320 SCSI
Other Hardware:	

Software

Operating System:	Windows Server 2003 Enterprise (Build 3790)
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
```