CINT2000 Result

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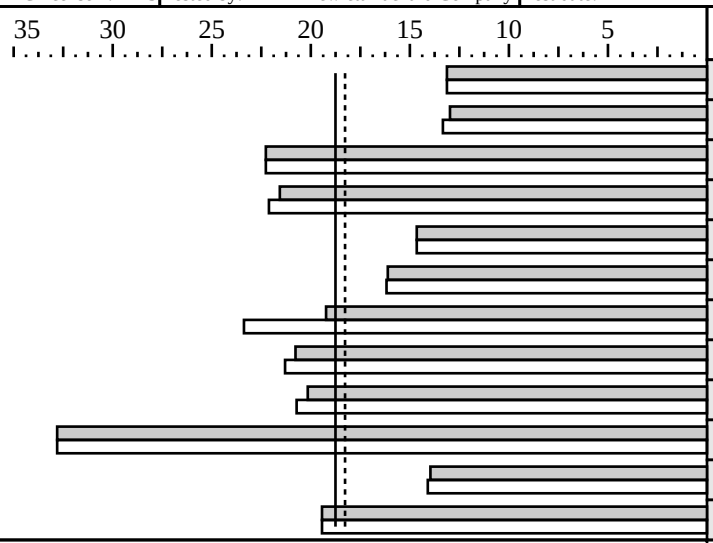
Hewlett-Packard Company

ProLiant ML350 G4p (3.4GHz, Intel Xeon)

SPECint_rate2000 = 18.8

SPECint_rate_base2000 = 18.3

SPEC license #: 3 | Tested by: Hewlett-Packard Company | Test date: Mar-2005 | Hardware Avail: Mar-2005 | Software Avail: Nov-2004



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	1	124	13.1	1	124	13.1
175.vpr	1	125	13.0	1	122	13.3
176.gcc	1	57.3	22.3	1	57.3	22.3
181.mcf	1	96.8	21.6	1	94.4	22.1
186.crafty	1	79.2	14.7	1	79.2	14.7
197.parser	1	130	16.1	1	129	16.2
252.eon	1	78.4	19.2	1	64.5	23.4
253.perlbmk	1	101	20.8	1	98.0	21.3
254.gap	1	63.3	20.2	1	61.6	20.7
255.vortex	1	67.2	32.8	1	67.2	32.8
256.bzip2	1	125	14.0	1	123	14.1
300.twolf	1	179	19.4	1	179	19.4

Hardware

CPU:	Intel Xeon (3.4GHz, 2MB L2, 800MHz bus)
CPU MHz:	3400
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:	6x2048MB PC2-3200 CL3 Dual-Rank DIMMs
Disk Subsystem:	1x18.2GB 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
+FDO*: PASS1=-Qprof_gen  PASS2=-Qprof_use (-QxP not used in PASS1 to enable cross-compilation)
Base tuning for C programs:   -fast  +FDO  shlw32M.lib
Base tuning for C++ programs: -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:       basepeak=1
  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:        -QxP      -O2 -Qipo     +FDO* ONESTEP=yes
  253.perlbmk:    -fast -Oa               +FDO  ONESTEP=yes shlw32M.lib
  254.gap:        -fast                   +FDO  ONESTEP=yes
  255.vortex:     basepeak=1
```

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Notes/Tuning Information (Continued)

```
256.bzip2:      -fast -Oa -Qunroll1    +FDO  ONESTEP=yes
300.twolf:      basepeak=1spec.cpu2000.notes110:  BIOS Configuration Notes
Hyper-Threading Technology disabled
```