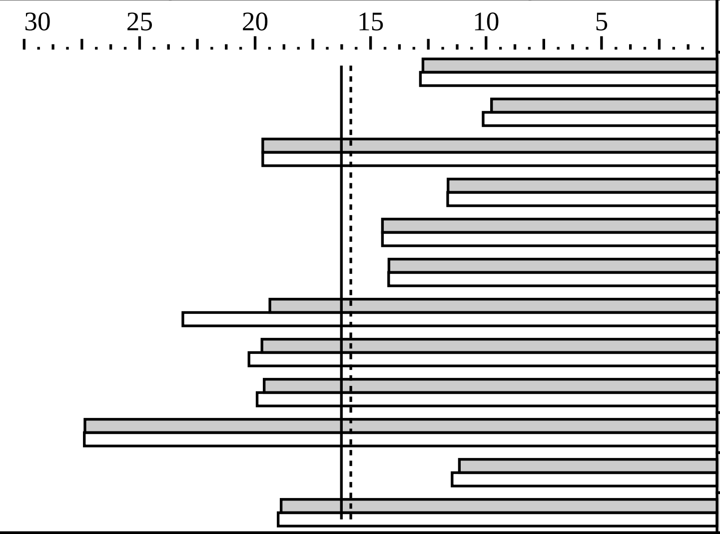
CINT2000 Result

Hewlett-Packard Company
ProLiant DL360 G4 (3.4GHz, Intel Xeon)

SPECint_rate2000 = 16.3
SPECint_rate_base2000 = 15.9

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	1	128	12.7	1	126	12.8
175.vpr	1	166	9.76	1	160	10.1
176.gcc	1	64.9	19.7	1	64.9	19.7
181.mcf	1	179	11.6	1	179	11.7
186.crafty	1	80.1	14.5	1	80.1	14.5
197.parser	1	147	14.2	1	147	14.2
252.eon	1	77.9	19.4	1	65.2	23.1
253.perlbmk	1	106	19.7	1	103	20.3
254.gap	1	65.1	19.6	1	64.1	19.9
255.vortex	1	80.5	27.4	1	80.5	27.4
256.bzip2	1	156	11.2	1	152	11.5
300.twolf	1	184	18.9	1	183	19.0

Hardware

CPU:	Intel Xeon (3.4GHz, 1MB L2, 800MHz bus)
CPU MHz:	3400
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip (HT Technology disabled)
CPU(s) orderable:	1,2
Parallel:	No
Primary Cache:	16K micro-ops I + 16KBD on chip
Secondary Cache:	1024KB(I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	2x1024MB PC2700 DDR-333
Disk Subsystem:	1x250GB SATA
Other Hardware:	

Software

Operating System:	Windows Server 2003 Standard (Build 3790)
Compiler:	Intel C++ Compiler 8.0 Build 20031211Z 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*: FDO (-QxP not used in PASS1 to enable cross-compilation)
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.crafy: -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
```

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Notes/Tuning Information (Continued)

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  256.bzip2:        -fast -Oa -Qunroll1 +FDO  ONESTEP=yes
  300.twolf:   -QxP -fast -O3           +FDO* shlw32M.lib
BIOS Configuration Notes
  HT Technology disabled
```