CINT2000 Result

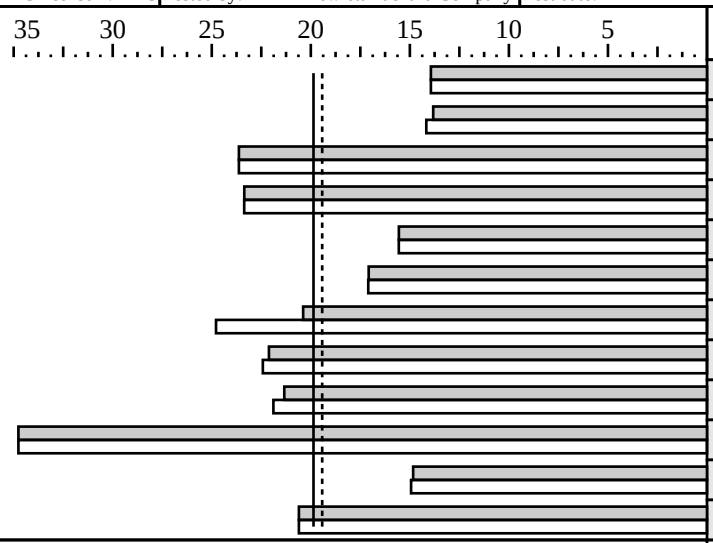
Copyright ©1999-2004, Standard Performance Evaluation Corporation

Hewlett-Packard Company
ProLiant DL360 G4p (3.6GHz, Intel Xeon)

SPECint_rate2000 = 19.9

SPECint_rate_base2000 = 19.4

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	1	117	13.9	1	117	13.9
175.vpr	1	118	13.8	1	115	14.2
176.gcc	1	54.0	23.6	1	54.0	23.6
181.mcf	1	89.4	23.4	1	89.4	23.4
186.crafty	1	74.6	15.6	1	74.6	15.6
197.parser	1	122	17.1	1	122	17.1
252.eon	1	74.0	20.4	1	60.8	24.8
253.perlbmk	1	94.4	22.1	1	93.1	22.4
254.gap	1	59.8	21.3	1	58.3	21.9
255.vortex	1	63.4	34.8	1	63.4	34.8
256.bzip2	1	117	14.8	1	116	14.9
300.twolf	1	169	20.6	1	169	20.6

Hardware

CPU:	Intel Xeon (3.6GHz, 2MB L2, 800MHz bus)
CPU MHz:	3600
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:	4x2048MB PC2-3200 CL3 Dual-Rank DIMMs
Disk Subsystem:	1x36.4GB 10K 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*
  253.perlbmk:    -fast -Oa           +FDO  ONESTEP=yes shlw32M.lib
  254.gap:        -fast               +FDO  ONESTEP=yes
  255.vortex:     basepeak=1
```

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Notes/Tuning Information (Continued)

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