CINT2000 Result

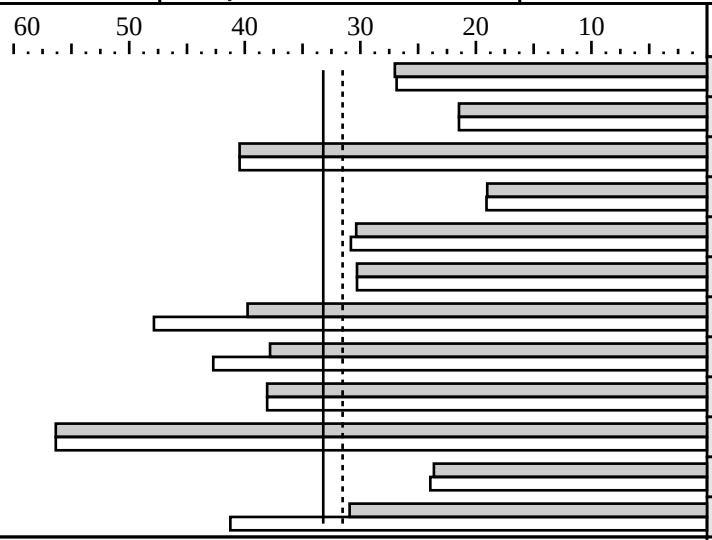
Copyright ©1999-2004, Standard Performance Evaluation Corporation

Dell
PowerEdge 1850 (3.6GHz, Intel Xeon)

SPECint_rate2000 = 33.2

SPECint_rate_base2000 = 31.5

SPEC license #: 55 | Tested by: Dell Inc., Round Rock, TX | Test date: Aug-2004 | Hardware Avail: Aug-2004 | Software Avail: Aug-2004



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	2	120	27.0	2	121	26.9
175.vpr	2	151	21.5	2	151	21.5
176.gcc	2	63.1	40.4	2	63.1	40.4
181.mcf	2	220	19.0	2	219	19.1
186.crafty	2	76.4	30.4	2	75.3	30.8
197.parser	2	138	30.3	2	138	30.3
252.eon	2	75.9	39.8	2	63.0	47.9
253.perlbmk	2	110	37.8	2	97.7	42.7
254.gap	2	67.0	38.1	2	67.0	38.1
255.vortex	2	78.2	56.4	2	78.2	56.4
256.bzip2	2	147	23.6	2	145	23.9
300.twolf	2	225	30.9	2	169	41.2

Hardware

CPU:	Intel Xeon (3.6GHz, 1MB L2, 800MHz bus)
CPU MHz:	3600
FPU:	Integrated
CPU(s) enabled:	2 cores, 2 chips, 1 core/chip (HT Technology disabled)
CPU(s) orderable:	1,2
Parallel:	No
Primary Cache:	16K(I) micro-ops + 16KB(D) on chip
Secondary Cache:	1024KB(I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	4 x 2GB ECC DDR2-400 SDRAM
Disk Subsystem:	1x18.2GB 15K Ultra320 SCSI
Other Hardware:	

Software

Operating System:	Windows Enterprise Server 2003
Compiler:	Intel C/C++ Compiler 8.0 (20040318Z) Microsoft Visual Studio .NET (7.0.9466)
File System:	NTFS
System State:	Default

Notes/Tuning Information

```
GENERAL
  ONESTEP=yes
  +FDO:   PASS1=-Qprof_gen  PASS2=-Qprof_use
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
BASE TUNING
  C:           -QxP -Qipo -O3     +FDO
  C++:         -QxP -Qipo              -GX -GR
PEAK TUNING
  164.gzip:    -QxP -Qipo -O3 -Oa +FDO
  175.vpr:     basepeak=yes
  176.gcc:     basepeak=yes
  181.mcf:     -QxP -Qipo -O3     +FDO shlW32M.lib
  186.crafty:  -QxP -Qipo -O3 -Oa +FDO shlW32M.lib
  197.parser:  basepeak=yes
  252.eon:     -QxP -Qipo -O3     +FDO
  253.perlbmk: -QxP -Qipo -O3     +FDO shlW32M.lib
```

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Notes/Tuning Information (Continued)

```
    254.gap:     basepeak=yes
    255.vortex   basepeak=yes
    256.bzip2:         -Qipo     -Oa -Qunroll1 +FDO shlW32M.lib
    300.twolf:   -QxP -Qipo -O3     +FDO shlW32M.lib
  EXTRA LIBRARIES
    shlW32M.lib: MicroQuill SmartHeap Library 7.1
                 www.microquill.com
```