CINT2000 Result

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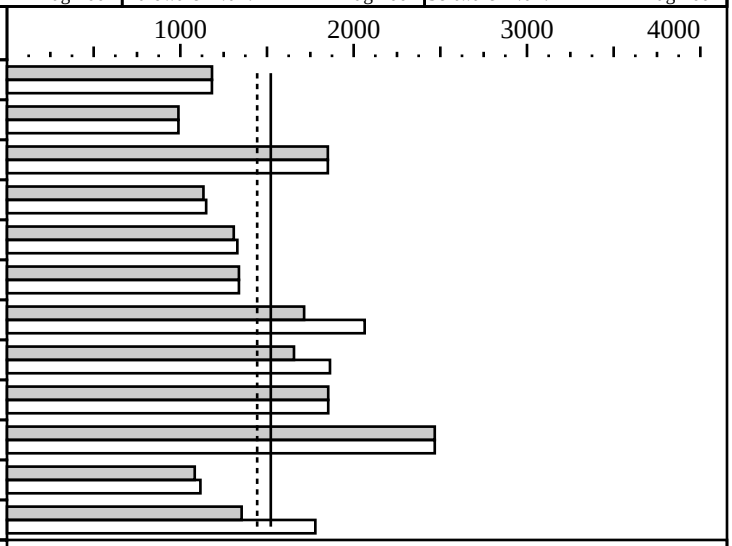
Dell
PowerEdge 2850 (3.6GHz, Intel Xeon)

SPECint2000 = 1522

SPECint_base2000 = 1443

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	118	1183	118	1182
175.vpr	1400	142	989	142	989
176.gcc	1100	59.4	1851	59.4	1851
181.mcf	1800	159	1133	157	1149
186.crafty	1000	76.4	1308	75.2	1329
197.parser	1800	135	1338	135	1338
252.eon	1300	75.8	1714	63.0	2063
253.perlbmk	1800	109	1656	96.6	1863
254.gap	1100	59.4	1853	59.4	1853
255.vortex	1900	77.0	2468	77.0	2468
256.bzip2	1500	138	1083	134	1116
300.twolf	3000	222	1354	169	1779



Hardware

CPU:	Intel Xeon (3.6GHz, 1MB L2, 800MHz bus)
CPU MHz:	3600
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(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
```

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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
```