CINT2000 Result

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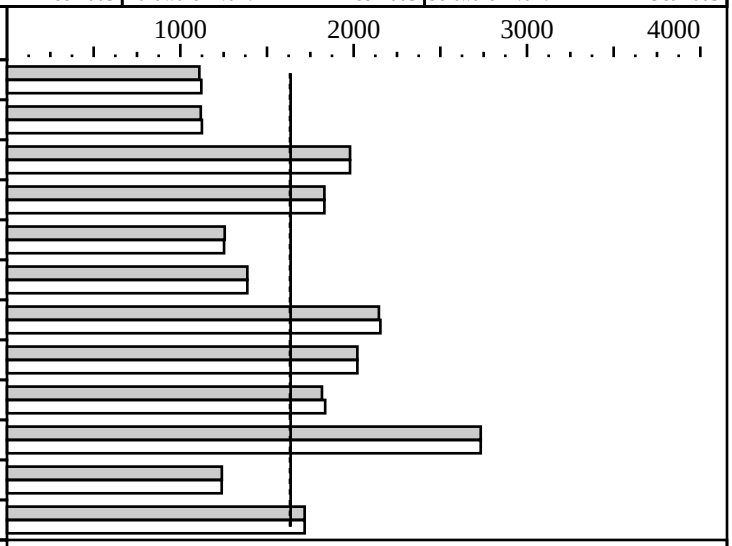
Dell Inc.
PowerEdge 1850 (3.4Ghz Intel Xeon)

SPECint2000 = 1636

SPECint_base2000 = 1633

SPEC license #: 55 | Tested by: Dell, Round Rock, TX | Test date: Dec-2005 | Hardware Avail: Feb-2005 | Software Avail: Oct-2005

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	126	1110	125	1121
175.vpr	1400	125	1118	124	1125
176.gcc	1100	55.6	1979	55.6	1979
181.mcf	1800	98.3	1831	98.3	1831
186.crafty	1000	79.6	1256	79.9	1252
197.parser	1800	130	1387	130	1386
252.eon	1300	60.6	2146	60.3	2154
253.perlbmk	1800	89.0	2021	89.0	2021
254.gap	1100	60.5	1817	59.9	1836
255.vortex	1900	69.5	2733	69.5	2733
256.bzip2	1500	121	1240	121	1239
300.twolf	3000	175	1717	175	1717



Hardware

CPU:	Intel Xeon (3.4Ghz, 2MB L2, 800MHz system bus)
CPU MHz:	3400
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip
CPU(s) orderable:	1,2
Parallel:	No
Primary Cache:	12K(I) micro-ops + 16KB(D) on chip
Secondary Cache:	2048KB(I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	4x1GB (single-ranked) ECC DDR2-400 SDRAM
Disk Subsystem:	1 x 36GB 15000RPM SCSI
Other Hardware:	None

Software

Operating System:	Windows Server 2003, Standard Edition, Service Pack 1
Compiler:	Intel C/C++ Compiler 9.0 for IA32(20051020Z) Microsoft Visual Studio .NET 2003(7.1.3088) MicroQuill SmartHeap Library 8.0
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.crafty:  -DNT_i386
  253.perlbmk: -DSPEC_CPU2000_NTOS -DPERLDLL /MT
  254.gap:     -DSYS_HAS_CALLOC_PROTO -DSYS_HAS_MALLOC_PROTO
BASE TUNING
  C:           -fast +FDO shlW32M.lib
  C++:         -fast -Qcxx_features +FDO shlW32M.lib
PEAK TUNING
  164.gzip:    -fast +FDO
  175.vpr:     -fast +FDO
  176.gcc:     basepeak=yes
  181.mcf:     basepeak=yes
  186.crafty:  -fast -Oa +FDO shlW32M.lib
  197.parser:  -fast +FDO
  252.eon:     -fast +FDO
  253.perlbmk: basepeak=yes
```

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Notes/Tuning Information (Continued)

```
254.gap:     -fast +FDO
255.vortex   basepeak=yes
256.bzip2:   -fast -Qunroll1 -Oa +FDO
300.twolf:   basepeak=yes
```