CINT2000 Result

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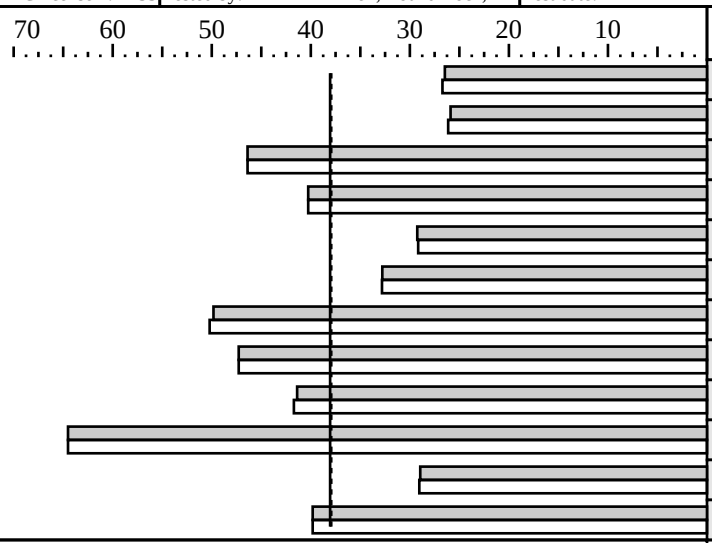
Dell

PowerEdge 830 (3.4GHz Intel Pentium D 950)

SPECint_rate2000 = 38.1

SPECint_rate_base2000 = 37.9

SPEC license #: 55 | Tested by: Dell, Round Rock, TX | Test date: Apr-2006 | Hardware Avail: Apr-2006 | Software Avail: Oct-2005



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	2	123	26.5	2	122	26.7
175.vpr	2	125	25.9	2	124	26.1
176.gcc	2	55.0	46.4	2	55.0	46.4
181.mcf	2	104	40.3	2	104	40.3
186.crafty	2	79.3	29.3	2	79.6	29.2
197.parser	2	127	32.8	2	127	32.8
252.eon	2	60.5	49.8	2	60.1	50.2
253.perlbmk	2	88.3	47.3	2	88.3	47.3
254.gap	2	61.7	41.4	2	61.2	41.7
255.vortex	2	68.3	64.5	2	68.3	64.5
256.bzip2	2	120	29.0	2	120	29.0
300.twolf	2	175	39.8	2	175	39.8

Hardware

CPU:	Intel Pentium D 950 (3.4GHz, 2x2M L2, 800MHz system bus)
CPU MHz:	3400
FPU:	Integrated
CPU(s) enabled:	2 cores, 1 chip, 2 cores/chip
CPU(s) orderable:	1
Parallel:	No
Primary Cache:	12K(I) micro-ops + 16KB(D) on chip, per core
Secondary Cache:	2048KB(I+D) on chip, per core
L3 Cache:	N/A
Other Cache:	N/A
Memory:	4 x 1GB (dual-ranked) ECC 533MHz DDR2 SDRAM
Disk Subsystem:	1 x 36GB SCSI 15000 RPM
Other Hardware:	None

Software

Operating System:	Microsoft Windows Server 2003 Enterprise x64 Edition + SP1 (64-bit)
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
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
```