CINT2000 Result

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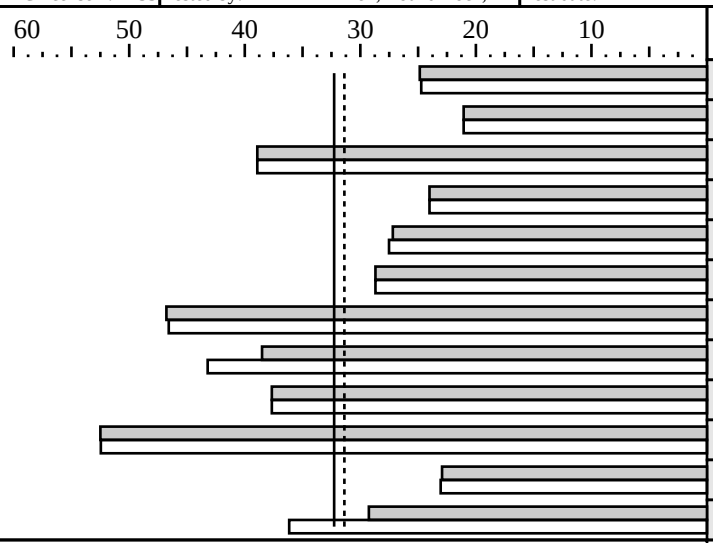
Dell

PowerEdge 830 (3.2GHz Intel dual-core Pentium D)

SPECint_rate2000 = 32.3

SPECint_rate_base2000 = 31.4

SPEC license #: 55 | Tested by: Dell, Round Rock, TX | Test date: Jul-2005 | Hardware Avail: Aug-2005 | Software Avail: Nov-2004



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	2	131	24.9	2	131	24.7
175.vpr	2	154	21.1	2	154	21.1
176.gcc	2	65.6	38.9	2	65.6	38.9
181.mcf	2	174	24.0	2	174	24.0
186.crafty	2	85.3	27.2	2	84.3	27.5
197.parser	2	146	28.7	2	146	28.7
252.eon	2	64.5	46.8	2	64.8	46.6
253.perlbmk	2	108	38.5	2	96.6	43.2
254.gap	2	67.8	37.7	2	67.8	37.7
255.vortex	2	84.0	52.5	2	84.0	52.5
256.bzip2	2	152	22.9	2	151	23.0
300.twolf	2	238	29.3	2	193	36.2

Hardware

CPU:	Intel dual-core Pentium D (3.2GHz, 2x1MB L2, 800MHz system bus)
CPU MHz:	3200
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:	1024KB(I+D) on chip, per core
L3 Cache:	N/A
Other Cache:	N/A
Memory:	4x1GB (dual-ranked) ECC 533MHz DDR2 SDRAM
Disk Subsystem:	1 x 36GB 15000RPM SCSI
Other Hardware:	None

Software

Operating System:	Windows 2003 Server, Standard Edition, Service Pack 1
Compiler:	Intel C/C++ Compiler 8.1 for IA32 (20041119Z) Microsoft Visual Studio .NET 2003(7.1.3088, for libraries) MicroQuill SmartHeap Library 7.1
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
  252.eon:     srcalt=stdcpp
  253.perlbmk: -DSPEC_CPU2000_NTOS -DPERLDLL /MT
  254.gap:     -DSYS_HAS_CALLOC_PROTO -DSYS_HAS_MALLOC_PROTO
BASE TUNING
  C:           -fast -Qansi_alias +FDO
  C++:         -fast -Qcxx_features +FDO
PEAK TUNING
  164.gzip:    -fast -Qansi_alias -Oa +FDO
  175.vpr:     basepeak=yes
  176.gcc:     basepeak=yes
  181.mcf:     basepeak=yes
  186.crafty:  -fast -Oa +FDO shlW32M.lib
  197.parser:  basepeak=yes
  252.eon:     -fast +FDO
```

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Notes/Tuning Information (Continued)

```
253.perlbmk: -fast -Qansi_alias +FDO shlW32M.lib
254.gap:     basepeak=yes
255.vortex   -fast +FDO
256.bzip2:   -fast -Qunroll1 -Oa +FDO
300.twolf:   -fast +FDO shlW32M.lib
```