CINT2000 Result

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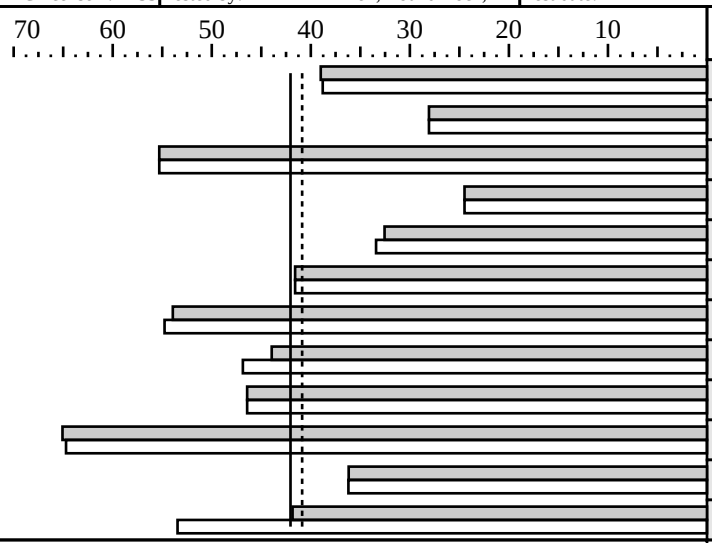
Dell
PowerEdge 1800 (3.8GHz Intel Xeon)

SPECint_rate2000 = 42.1

SPECint_rate_base2000 = 40.9

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	4	167	39.0	4	167	38.8
175.vpr	4	231	28.1	4	231	28.1
176.gcc	4	92.3	55.3	4	92.3	55.3
181.mcf	4	341	24.5	4	341	24.5
186.crafty	4	143	32.6	4	139	33.4
197.parser	4	201	41.6	4	201	41.6
252.eon	4	112	53.9	4	110	54.8
253.perlbmk	4	190	43.9	4	178	46.9
254.gap	4	110	46.4	4	110	46.4
255.vortex	4	135	65.1	4	136	64.7
256.bzip2	4	192	36.2	4	192	36.2
300.twolf	4	333	41.8	4	260	53.5

Hardware

CPU:	Intel Xeon (3.8GHz, 2MB L2, 800MHz system bus)
CPU MHz:	3800
FPU:	Integrated
CPU(s) enabled:	2 cores, 2 chips, 1 core/chip (Hyper-Threading Technology enabled)
CPU(s) orderable:	1,2
Parallel:	No
Primary Cache:	12KB(I) + 16KB(D) on chip
Secondary Cache:	2048KB(I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	4x2GB (dual-ranked) ECC 400MHz DDR2 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 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
```