CINT2000 Result

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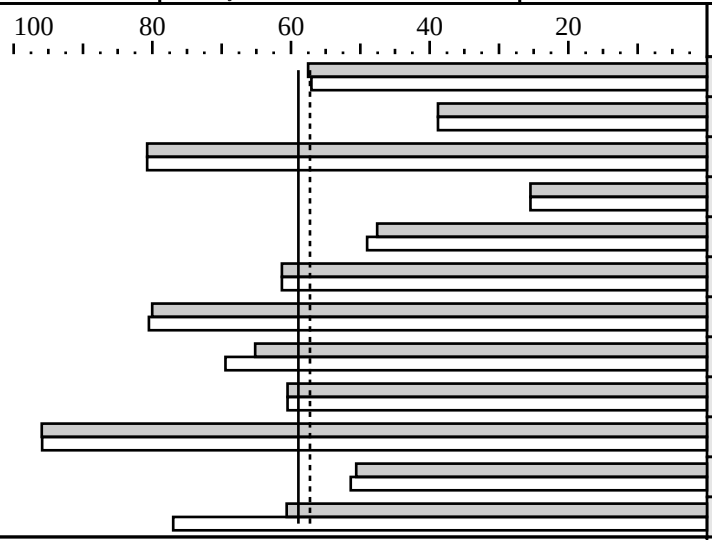
Dell

PowerEdge 1855 (2.8GHz Intel dual-core Xeon)

SPECint_rate2000 = 58.9

SPECint_rate_base2000 = 57.3

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	8	226	57.5	8	228	57.1
175.vpr	8	335	38.8	8	335	38.8
176.gcc	8	126	80.7	8	126	80.7
181.mcf	8	656	25.5	8	656	25.5
186.crafty	8	195	47.6	8	189	49.0
197.parser	8	272	61.3	8	272	61.3
252.eon	8	151	80.0	8	150	80.5
253.perlbmk	8	256	65.2	8	241	69.5
254.gap	8	169	60.5	8	169	60.5
255.vortex	8	184	95.9	8	184	95.9
256.bzip2	8	275	50.6	8	271	51.4
300.twolf	8	459	60.6	8	362	77.0

Hardware

CPU:	Intel dual-core Xeon (2.8GHz, 2x2MB L2, 800MHz system bus)
CPU MHz:	2800
FPU:	Integrated
CPU(s) enabled:	4 cores, 2 chips, 2 cores/chip (Hyper-Threading Technology enabled)
CPU(s) orderable:	1
Parallel:	No
Primary Cache:	12KB(I) + 16KB(D) on chip, per core
Secondary Cache:	2048KB(I+D) on chip, per core
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 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
```