CINT2000 Result

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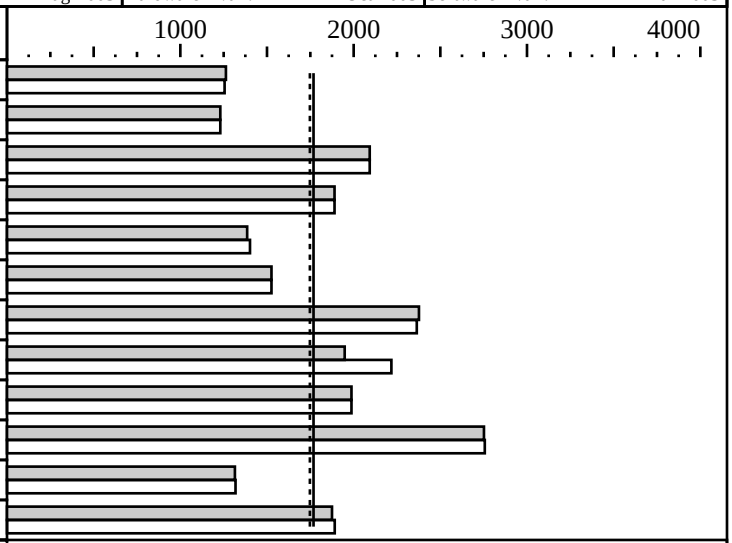
Dell
PowerEdge 2800 (3.8GHz Intel Xeon)

SPECint2000 = 1768

SPECint_base2000 = 1748

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	111	1263	112	1255
175.vpr	1400	114	1231	114	1231
176.gcc	1100	52.6	2093	52.6	2093
181.mcf	1800	95.3	1890	95.3	1890
186.crafty	1000	72.2	1386	71.3	1402
197.parser	1800	118	1526	118	1526
252.eon	1300	54.7	2377	55.0	2364
253.perlbmk	1800	92.4	1948	81.2	2218
254.gap	1100	55.4	1987	55.4	1987
255.vortex	1900	69.0	2752	68.9	2756
256.bzip2	1500	114	1315	114	1318
300.twolf	3000	160	1875	159	1891



Hardware

CPU:	Intel Xeon (3.8GHz, 2MB L2, 800MHz system bus)
CPU MHz:	3800
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip (Hyper-Threading Technology disabled)
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
```