CINT2000 Result

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Dell

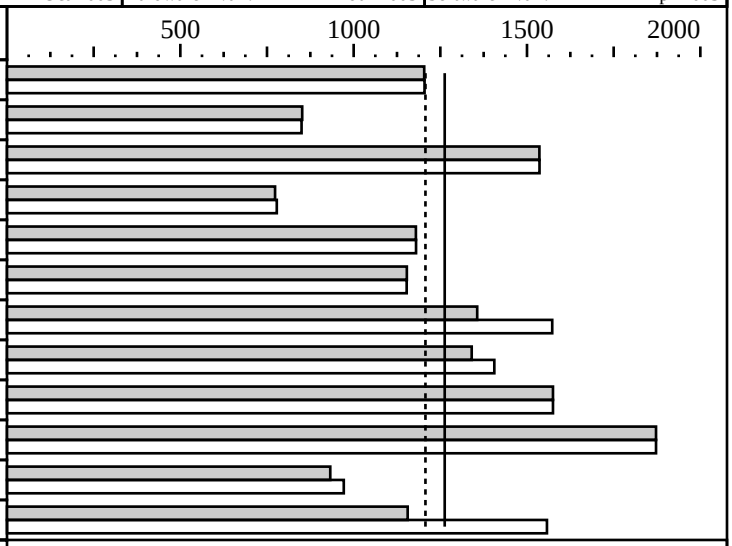
PowerEdge 2650 (3.06 GHz Xeon, 1MB L3)

SPECint2000 = 1263

SPECint_base2000 = 1207

SPEC license #: 55 | Tested by: Dell, Round Rock, TX | Test date: Oct-2003 | Hardware Avail: Jul-2003 | Software Avail: Apr-2003

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	116	1203	116	1204
175.vpr	1400	164	852	165	850
176.gcc	1100	71.6	1536	71.6	1536
181.mcf	1800	233	773	231	778
186.crafty	1000	84.8	1180	84.8	1180
197.parser	1800	156	1153	156	1153
252.eon	1300	95.8	1356	82.7	1573
253.perlbmk	1800	134	1340	128	1406
254.gap	1100	69.8	1575	69.8	1575
255.vortex	1900	101	1872	101	1872
256.bzip2	1500	161	932	154	971
300.twolf	3000	260	1156	193	1558



Hardware

CPU:	Intel Pentium Xeon (533 MHz system bus)
CPU MHz:	3066
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:	12K(I) micro-ops + 8KB(D) on chip
Secondary Cache:	512KB(I+D) on chip
L3 Cache:	1024KB(I+D) on chip
Other Cache:	N/A
Memory:	4 X 512MB DDR266
Disk Subsystem:	1 x 17GB Ultra3 Seagate SCSI
Other Hardware:	

Software

Operating System:	Windows 2000 Server (SP2)
Compiler:	Intel C++ Compiler 7.1 (20030402Z) Microsoft Visual Studio .NET (7.0.9466) MicroQuill SmartHeap Library 6.01
File System:	NTFS
System State:	Default

Notes/Tuning Information

```
PORTABILITY FLAGS
  176.gcc:     -Dalloca=_alloca /F10000000
  186.crafy:   -DNT_i386
  253.perlbmk: -DSPEC_CPU2000_NTOS -DPERLDLL /MT
  254.gap:     -DSYS_HAS_CALLOC_PROTO -DSYS_HAS_MALLOC_PROTO
FEEDBACK DIRECTED OPTIMIZATION
  FDO:          PASS1=  -Qprof_gen  PASS2=-Qprof_use
BASE TUNING
  C:           -QxW -Qipo -O3 +FDO
  C++:         -QxW -Qipo -GX -GR
PEAK TUNING
  164.gzip:    -QxW -Qipo -Oa -O3 +FDO
  175.vpr:     -QxW -Qipo     -O3 +FDO
  176.gcc:     -QxW -Qipo     -O3 +FDO
  181.mcf:     -QxW -Qipo     -O3 +FDO shlW32M.lib
  186.crafty:  PASS1= -Qprof_gen PASS2= -Qipo -Qprof_use -QxW -O3
  197.parser:  -QxW -Qipo     -O3 +FDO
  252.eon:     PASS1= -Qprof_gen PASS2= -Qipo -Qprof_use -QxW -O3
  253.perlbmk: -QxW -Qipo     -O3 +FDO shlW32M.lib
  254.gap:     basepeak=yes
```

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Notes/Tuning Information (Continued)

```
  255.vortex   basepeak=yes
  256.bzip2:   -Qipo -Oa -Qunroll1 +FDO
  300.twolf:   -Qipo -QxW -O3 -Oa      shlW32M.lib
EXTRA LIBRARIES
  shlW32M.lib: MicroQuill SmartHeap Library 6.01
               www.microquill.com
ONESTEP=YES is set for all benchmarks
Hyper-Threading Technology disabled in BIOS
```