CINT2000 Result

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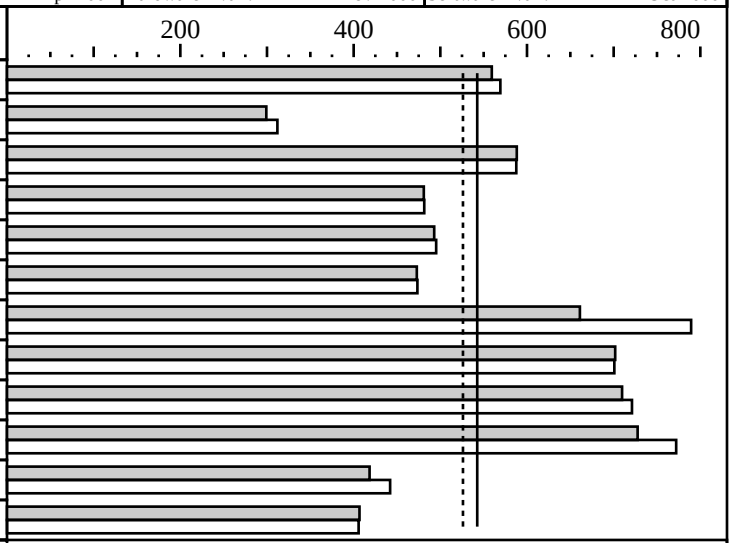
Dell
Precision WorkStation 330 (1.50 GHz P4)

SPECint2000 = 543

SPECint_base2000 = 526

SPEC license #: 55 | Tested by: Dell, Round Rock, TX | Test date: Apr-2001 | Hardware Avail: Nov-2000 | Software Avail: Oct-2000

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	250	559	246	569
175.vpr	1400	468	299	449	312
176.gcc	1100	187	588	187	588
181.mcf	1800	374	481	374	481
186.crafty	1000	203	493	202	495
197.parser	1800	381	473	380	474
252.eon	1300	197	661	165	789
253.perlbmk	1800	256	702	257	701
254.gap	1100	155	710	153	721
255.vortex	1900	261	728	246	772
256.bzip2	1500	359	418	339	442
300.twolf	3000	738	407	739	406



Hardware

CPU:	Intel Pentium 4
CPU MHz:	1500
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip
CPU(s) orderable:	1
Parallel:	No
Primary Cache:	12K(I) micro-ops + 8KB(D) on chip
Secondary Cache:	256KB(I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	2 x 128MB PC800 ECC RDRAM
Disk Subsystem:	1 x 20GB Maxtor 7.2K ATA/5
Other Hardware:	

Software

Operating System:	Windows 2000 (SP1)
Compiler:	Intel C++ Compiler 5.0 Build 001004 Microsoft Visual C++ 6.0 (for libraries) MicroQuill SmartHeap Library 5.0
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
  FDO2:        PASS1= -Qprof_gen  PASS2= -Qprof_use
BASE TUNING
  C:           -Qipo +FDO2 -QxW shlW32M.lib
  C++:         -Qipo -QxW -GX -GR
PEAK TUNING
  164.gzip:    -Qipo +FDO2 -QxW -Oi- -Oa shlW32M.lib
  175.vpr:     -Qwp_ipo +FDO2 -QxW
  176.gcc:     -Qipo +FDO2 -QxW shlW32M.lib
  181.mcf:     -Qipo +FDO2 -QxW shlW32M.lib
  186.crafty:  -Qipo +FDO2 -QxW -Oa shlW32M.lib
  197.parser:  -Qipo +FDO2 -QxW shlW32M.lib
  252.eon:     -Qipo +FDO2 -QxW -Qrcd
  253.perlbmk: -Qipo +FDO2 -QxW shlW32M.lib
  254.gap:     -Qipo +FDO2 -QaxM
```

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Notes/Tuning Information (Continued)

```
    255.vortex:  -Qwp_ipo +FDO2 -QxW -Oa shlW32M.lib
    256.bzip2:   -Qipo +FDO2 -QaxK -Oa -G7
    300.twolf:   -Qipo +FDO2 -QxW shlW32M.lib
  EXTRA LIBRARIES
    shlW32M.lib: MicroQuill SmartHeap Library 5.0
                 www.microquill.com
```