CINT2000 Result

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Dell

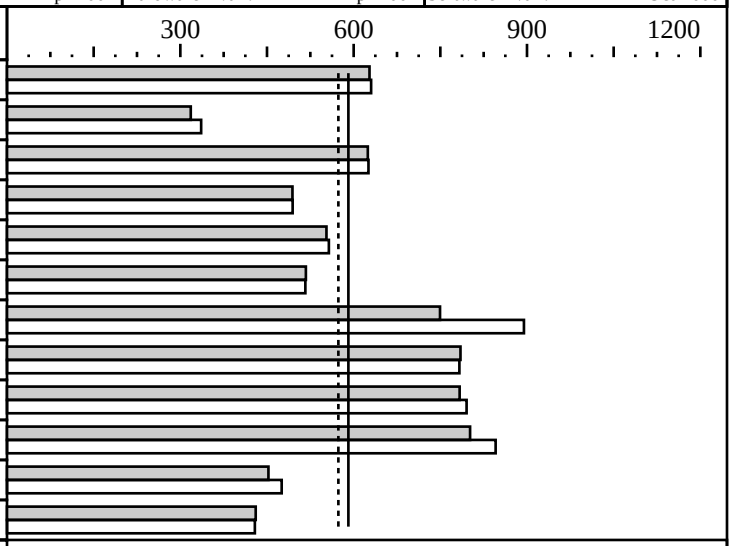
Precision WorkStation 330 (1.70 GHz P4)

SPECint2000 = 591

SPECint_base2000 = 574

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	223	627	222	630
175.vpr	1400	440	318	417	336
176.gcc	1100	176	624	176	626
181.mcf	1800	364	494	364	494
186.crafty	1000	181	553	180	557
197.parser	1800	348	517	349	516
252.eon	1300	173	749	145	895
253.perlbmk	1800	229	785	230	783
254.gap	1100	140	783	138	795
255.vortex	1900	237	801	225	846
256.bzip2	1500	331	452	316	475
300.twolf	3000	697	430	699	429



Hardware

CPU:	Intel Pentium 4
CPU MHz:	1700
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
```