CINT2000 Result

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Dell

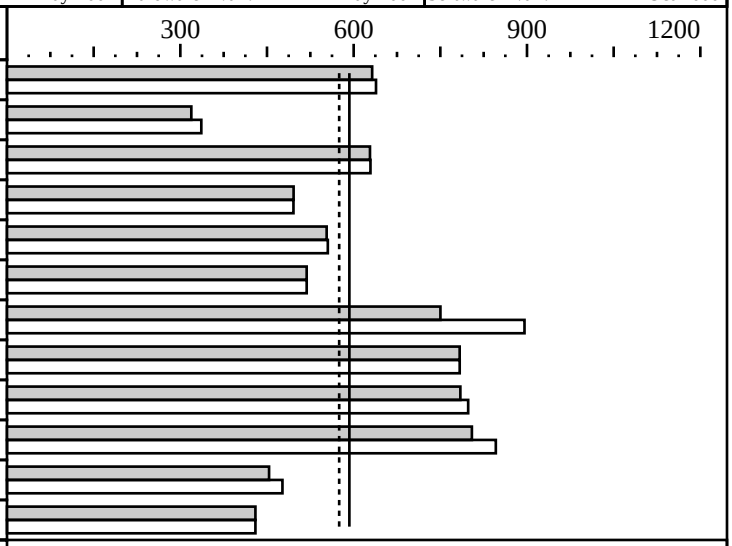
Precision WorkStation 530 (1.70 GHz Xeon)

SPECint2000 = 593

SPECint_base2000 = 575

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	222	632	219	639
175.vpr	1400	439	319	416	336
176.gcc	1100	175	628	175	629
181.mcf	1800	363	496	363	496
186.crafty	1000	181	553	180	555
197.parser	1800	347	519	347	519
252.eon	1300	173	750	145	896
253.perlbmk	1800	230	783	230	784
254.gap	1100	140	785	138	798
255.vortex	1900	236	805	225	846
256.bzip2	1500	331	454	315	477
300.twolf	3000	698	430	698	430



Hardware

CPU:	Intel Xeon
CPU MHz:	1700
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip
CPU(s) orderable:	1, 2
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 36GB Quantum Atlas 10K II U160
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
```