CINT2000 Result

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Dell

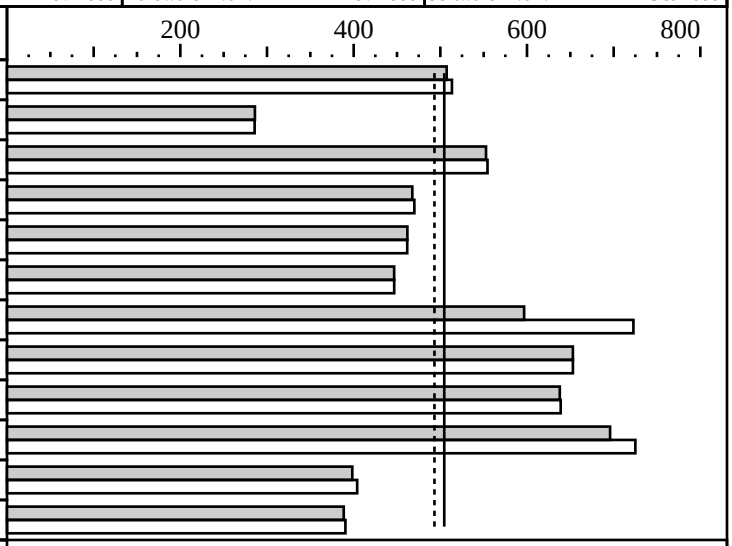
Precision WorkStation 330 (1.40 GHz P4)

SPECint2000 = 505

SPECint_base2000 = 493

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	276	507	273	513
175.vpr	1400	489	286	490	286
176.gcc	1100	199	553	198	554
181.mcf	1800	385	468	383	470
186.crafty	1000	216	462	217	462
197.parser	1800	403	447	403	447
252.eon	1300	218	597	180	723
253.perlbmk	1800	276	653	276	653
254.gap	1100	172	638	172	639
255.vortex	1900	273	696	262	725
256.bzip2	1500	376	398	371	404
300.twolf	3000	772	389	768	390



Hardware

CPU:	Pentium 4
CPU MHz:	1400
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip
CPU(s) orderable:	1
Parallel:	No
Primary Cache:	12K micro-ops I + 8KB D
Secondary Cache:	256KB(I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	2 x 128MB PC800 RDRAM
Disk Subsystem:	1 x 40GB Maxtor 7.2K ATA/5
Other Hardware:	

Software

Operating System:	Windows NT 4.0 (SP5)
Compiler:	Intel C/C++ Compiler 5.0 for Windows NT Microsoft Visual C++ 6.0 (for libraries) MicroQuill SmartHeap Library 5.0
File System:	NTFS
System State:	Default

Notes/Tuning Information

```
FEEDBACK-DIRECTED OPTIMIZATION
  +FDO:  PASS1= -Qprof_gen  PASS2= -Qprof_use
BASE TUNING
  C:  -QxW -Qipo shlW32M.lib +FDO
  C++:   -QxW -Qipo -GX -GR
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
PEAK TUNING
  164.gzip: -QxW -Qipo +FDO shlW32M.lib
  175.vpr:  -QxW -Qipo +FDO shlW32M.lib
  176.gcc: -QxW -Qipo +FDO shlW32M.lib
  181.mcf: -QxW -Qipo +FDO shlW32M.lib
  186.crafty: -QxW -Qipo +FDO shlW32M.lib
  197.parser: -QxW -Qipo +FDO shlW32M.lib
  252.eon:     -QxW -Qipo +FDO
  253.perlbmk: -QxW -Qipo +FDO shlW32M.lib
  254.gap: -QxW -Qipo +FDO shlW32M.lib
```

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Notes/Tuning Information (Continued)

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