



# CINT2000 Result

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**Dell**  
Precision WorkStation 420 (800 MHz Pentium III)

SPECint2000 = 364  
SPECint\_base2000 = 361

SPEC license #: 55 Tested by: Dell, Round Rock, TX Test date: Mar-2000 Hardware Avail: Jan-2000 Software Avail: Feb-2000

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	352	397	349	401
175.vpr	1400	453	309	453	309
176.gcc	1100	317	347	315	349
181.mcf	1800	717	251	717	251
186.crafty	1000	248	404	248	404
197.parser	1800	571	315	571	315
252.eon	1300	399	326	399	326
253.perlbnk	1800	379	475	379	475
254.gap	1100	322	342	320	344
255.vortex	1900	318	597	310	613
256.bzip2	1500	453	331	435	345
300.twolf	3000	882	340	850	353

### Hardware

CPU: 800 MHz Pentium III processor  
CPU MHz: 800  
FPU: Integrated  
CPU(s) enabled: 1 core, 1 chip, 1 core/chip  
CPU(s) orderable: 2  
Parallel: No  
Primary Cache: 16KBI + 16KBD on chip  
Secondary Cache: 256KB(I+D) on chip  
L3 Cache: None  
Other Cache: None  
Memory: 256MB ECC PC800 RDRAM  
Disk Subsystem: Quantum Atlas 10K Ultra3  
Other Hardware:

### Software

Operating System: Windows NT 4.0 (SP5)  
Compiler: Intel C Compiler 4.5 for Windows NT 4.0  
File System: NTFS  
System State: Default

## Notes/Tuning Information

```
+FDO: PASS1=-Qprof_gen PASS2=-Qprof_use
Base tuning: -QxK -Qipo_wp shlw32M.lib +FDO
shlw32M.lib is the SmartHeap library V5.0 from MicroQuill www.microquill.com
Portability flags:
176.gcc: -Dalloca=_alloca /F10000000 -Op
186.crafy: -DNT_i386
253.perlbnk: -DSPEC_CPU2000_NTOS -DPERLDLL /MT
254.gap: -DSYS_HAS_CALLOC_PROTO -DSYS_HAS_MALLOC_PROTO
Peak tuning:
164.gzip, 175.vpr, 181.mcf, 186.crafty, 197.parser, 252.eon, 253.perlbnk:
-QxK -Qipo_wp FDO shlw32M.lib
176.gcc, 254.gap, 255.vortex, 256.bzip2, 300.twolf:
-QxK -Qipo_wp FDO -Oa shlw32M.lib
133 MHz front side bus
```