



# CINT2000 Result

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**Dell**  
Precision WorkStation 420 (933 MHz Pentium III)

SPECint2000 = **403**  
SPECint\_base2000 = **398**

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
164.gzip	1400	310	451	306	458	
175.vpr	1400	424	330	423	331	
176.gcc	1100	297	371	292	377	
181.mcf	1800	697	258	694	259	
186.crafty	1000	215	465	215	466	
197.parser	1800	520	346	520	346	
252.eon	1300	340	382	340	382	
253.perlbmk	1800	330	546	330	545	
254.gap	1100	294	374	291	378	
255.vortex	1900	285	667	277	685	
256.bzip2	1500	411	365	397	378	
300.twolf	3000	828	362	799	376	

### Hardware

CPU: 933 MHz Pentium III processor  
 CPU MHz: 933  
 FPU: Integrated  
 CPU(s) enabled: 1 core, 1 chip, 1 core/chip  
 CPU(s) orderable: 1,2  
 Parallel: No  
 Primary Cache: 16KBI + 16KBD on chip  
 Secondary Cache: 256KB(I+D) on chip  
 L3 Cache: None  
 Other Cache: None  
 Memory: 256 MB ECC PC800 RDRAM  
 Disk Subsystem: 1 x 18GB Quantum Atlas 10K Ultra3  
 Other Hardware:

### Software

Operating System: Windows NT 4.0 (SP5)  
 Compiler: Intel C/C++ Compiler 4.5 for Windows NT 4.0  
 Microsoft Visual Studio 6.0 (for libraries)  
 MicroQuill SmartHeap Library 5.0  
 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.craffy: -DNT_i386
253.perlbmk: -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.perlbmk:
-QxK -Qipo_wp FDO shlw32M.lib
176.gcc, 254.gap, 255.vortex, 256.bzip2, 300.twolf:
-QxK -Qipo_wp FDO -Oa shlw32M.lib
```