



# CINT2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

**Dell**  
Precision WorkStation 420 (1.0 GHz Pentium III)

SPECint2000 = 423  
SPECint\_base2000 = 418

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	291	481	289	484
175.vpr	1400	406	345	405	346
176.gcc	1100	283	388	281	392
181.mcf	1800	691	261	689	261
186.crafty	1000	200	501	200	500
197.parser	1800	498	361	498	362
252.eon	1300	318	409	318	409
253.perlbmk	1800	309	582	309	582
254.gap	1100	280	393	278	395
255.vortex	1900	269	706	262	724
256.bzip2	1500	393	381	379	396
300.twolf	3000	797	376	772	389

### Hardware

CPU: 1.0 GHz Pentium III processor  
CPU MHz: 1000  
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 9.1GB 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.crafty: -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
```