



# CINT2000 Result

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Dell  
PowerEdge 2550 (1.13GHz PIII)

SPECint\_rate2000 = 11.4  
SPECint\_rate\_base2000 = 11.3

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	2	222	14.6	2	223	14.6
175.vpr	2	382	8.49	2	382	8.49
176.gcc	2	214	11.9	2	214	11.9
181.mcf	2	904	4.62	2	905	4.61
186.crafty	2	167	13.9	2	167	13.9
197.parser	2	472	8.85	2	446	9.36
252.eon	2	184	16.4	2	165	18.3
253.perlbnk	2	260	16.1	2	259	16.1
254.gap	2	276	9.25	2	276	9.23
255.vortex	2	216	20.4	2	212	20.8
256.bzip2	2	387	8.99	2	380	9.16
300.twolf	2	633	11.0	2	631	11.0

### Hardware

CPU: Pentium III  
CPU MHz: 1133  
FPU: Integrated  
CPU(s) enabled: 2 cores, 2 chips, 1 core/chip  
CPU(s) orderable: 1, 2  
Parallel: No  
Primary Cache: 16KB(I) + 16KB(D) on chip  
Secondary Cache: 512KB(I+D) on chip  
L3 Cache: N/A  
Other Cache: N/A  
Memory: 1024MB SDRAM  
Disk Subsystem: 1 x 9GB Quantum Atlas 10K U160  
Other Hardware:

### Software

Operating System: Windows 2000 Server (SP2 Build 2195)  
Compiler: Intel C/C++ Compiler 5.0 (001004)  
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: -QxK -Qipo shlw32M.lib +FDO

C++: -QxK -Qipo -GX -GR

### PORTABILITY FLAGS

176.gcc: -Dalloca=\_alloca /F10000000

186.crafty: -DNT\_i386

253.perlbnk: -DSPEC\_CPU2000\_NTOS -DPERLDDL /MT

254.gap: -DSYS\_HAS\_CALLOC\_PROTO -DSYS\_HAS\_MALLOC\_PROTO

### PEAK TUNING

164.gzip: -QxK -Qipo +FDO shlw32M.lib

175.vpr: -QxK -Qipo +FDO shlw32M.lib

176.gcc: -QxK -Qipo +FDO shlw32M.lib

181.mcf: -QxK -Qipo +FDO shlw32M.lib

186.crafty: -QxK -Qipo +FDO shlw32M.lib

197.parser: -QxK -Qipo +FDO shlw32M.lib

252.eon: -QxK -Qipo +FDO

253.perlbnk: -QxK -Qipo +FDO shlw32M.lib

254.gap: -QxK -Qipo +FDO shlw32M.lib



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## Notes/Tuning Information (Continued)

```
255.vortex: -QxK -Qipo +FDO -Oa shlw32M.lib
256.bzip2:  -QxK -Qipo +FDO -Oa shlw32M.lib
300.twolf:  -QxK -Qipo +FDO -Oa shlw32M.lib
LIBRARIES
shlw32M.lib: MicroQuill SmartHeap Library 5.0
              www.microquill.com
```