



# CFP2000 Result

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Dell  
PowerEdge 1500SC (1.4 GHz PIII)

SPECfp\_rate2000 = 5.29

SPECfp\_rate\_base2000 = 5.08

SPEC license #: 55 | Tested by: Dell, Round Rock, TX | Test date: Dec-2001 | Hardware Avail: Jan-2002 | Software Avail: Jun-2001

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	1	265	7.00	1	265	7.00
171.swim	1	904	3.98	1	904	3.98
172.mgrid	1	594	3.52	1	603	3.47
173.applu	1	672	3.63	1	672	3.63
177.mesa	1	182	8.91	1	181	8.99
178.galgel	1	594	5.66	1	585	5.75
179.art	1	473	6.38	1	462	6.53
183.quake	1	401	3.76	1	245	6.15
187.facerec	1	298	7.41	1	292	7.54
188.amp	1	420	6.08	1	412	6.19
189.lucas	1	517	4.49	1	515	4.50
191.fma3d	1	441	5.53	1	441	5.53
200.sixtrack	1	429	2.97	1	429	2.97
301.apsi	1	573	5.27	1	557	5.41

### Hardware

CPU: Intel Pentium III  
 CPU MHz: 1400  
 FPU: Integrated  
 CPU(s) enabled: 1 core, 1 chip, 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 RDRAM  
 Disk Subsystem: 1 x 9GB Quantum Atlas 10K II U160  
 Other Hardware:

### Software

Operating System: Windows 2000 Server (SP2 Build 2195)  
 Compiler: Intel C++ and Fortran Compiler 5.0.1 (010727Z)  
 Microsoft Visual C++ 6.0 (SP5)  
 MicroQuill SmartHeap Library 5.0  
 File System: NTFS  
 System State: Default

## Notes/Tuning Information

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PORTABILITY
  178.galgel: -FI /F32000000
FEEDBACK-DIRECTED OPTIMIZATION
  FDO: PASS1= /Qprof_gen PASS2= /Qprof_use
BASE TUNING
  C/F77/F90: /Qipo +FDO /QxK /O3
PEAK TUNING
  168.wupwise: /Qipo +FDO /QxK /O3
  171.swim: /Qipo +FDO /QxK /O3
  172.mgrid: /Qipo +FDO /QaxK /O3
  173.applu: /Qipo +FDO /QxK /O3
  177.mesa: -Qipo +FDO -QxK -O3 -Oa shlW32M.lib
  178.galgel: /Qipo +FDO /QxK /O3 shlW32M.lib
  179.art: -Qipo +FDO -QxK -O3 shlW32M.lib
  183.quake: -Qipo +FDO -QxK -Qrcd -Oa shlW32M.lib
  187.facerec: /Qipo +FDO /QxK /O3 shlW32M.lib
  188.amp: -Qipo +FDO -QxK -O3 -Oa

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## Notes/Tuning Information (Continued)

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189.lucas: /Qipo +FDO /QxK /O3 shlw32M.lib
191.fma3d: /Qipo +FDO /QxK /O3
200.sixtrack: /Qipo +FDO /QxK /O3
301.apsi: /Qipo +FDO /QxK
EXTRA LIBRARIES
shlw32M.lib: MicroQuill SmartHeap Library 5.0
www.microquill.com
LIBRARY ORDERING
178.galgel, 187.facerec, 189.lucas:
libIEPCF90.lib libintrins.lib libF90.lib libqwin.lib
libm.lib shlw32M.lib LIBC.lib libirc.lib OLDNAMES.lib

```