



# CFP2000 Result

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## RLX 800i (800 MHz PIII)

SPECfp2000 = 363  
SPECfp\_base2000 = 350

SPEC license #: 1042 Tested by: RLX, The Woodlands, TX Test date: Jul-2002 Hardware Avail: Mar-2002 Software Avail: Jun-2001

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
168.wupwise	1600	385	415	385	415	
171.swim	3100	711	436	712	436	
172.mgrid	1800	570	316	600	300	
173.applu	2100	826	254	824	255	
177.mesa	1400	304	461	305	460	
178.galgel	2900	720	403	713	407	
179.art	2600	519	501	484	537	
183.quake	1300	443	293	288	452	
187.facerec	1900	399	476	400	475	
188.amp	2200	616	357	601	366	
189.lucas	2000	575	348	577	347	
191.fma3d	2100	624	336	624	336	
200.sixtrack	1100	752	146	751	146	
301.apsi	2600	738	352	712	365	

### Hardware

CPU: Intel Pentium III  
CPU MHz: 800  
FPU: Integrated  
CPU(s) enabled: 1 core, 1 chip, 1 core/chip  
CPU(s) orderable: 1  
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 PC2100 DDR SDRAM  
Disk Subsystem: 1 x 20GB IDE IBM Travelstar IC25N020ATCX04-0  
Other Hardware: Micron Copperhead Northbridge

### 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 6.0  
File System: NTFS  
System State: Default

## Notes/Tuning Information

```
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)

```
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 6.0
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
```