



# CFP2000 Result

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**Acer Incorporated**  
Altos G310 Mk2 (3.6 GHz Intel Pentium 4)

SPECfp2000 = **1907**  
SPECfp\_base2000 = **1890**

SPEC license #: 97 Tested by: Acer Incorporated Test date: Apr-2005 Hardware Avail: Apr-2005 Software Avail: Apr-2005

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
168.wupwise	1600	58.9	2715	59.0	2713	
171.swim	3100	124	2510	124	2510	
172.mgrid	1800	112	1607	112	1606	
173.applu	2100	133	1578	134	1569	
177.mesa	1400	88.4	1584	88.4	1584	
178.galgel	2900	83.9	3456	83.9	3456	
179.art	2600	56.3	4620	56.3	4620	
183.quake	1300	54.0	2407	54.0	2406	
187.facerec	1900	94.9	2002	94.9	2002	
188.amp	2200	182	1209	161	1369	
189.lucas	2000	91.8	2180	92.4	2165	
191.fma3d	2100	135	1558	135	1558	
200.sixtrack	1100	169	649	167	659	
301.apsi	2600	196	1327	196	1327	

### Hardware

CPU: Intel Pentium 4 (3.6 GHz, 2MB L2, 800MHz system bus)  
CPU MHz: 3600  
FPU: Integrated  
CPU(s) enabled: 1 core, 1 chip, 1 core/chip(Hyper-Threading Technology disabled)  
CPU(s) orderable: 1  
Parallel: No  
Primary Cache: 12KB(I) micro-ops + 16KB(D) on chip  
Secondary Cache: 2048KB(I+D) on chip  
L3 Cache: N/A  
Other Cache: N/A  
Memory: 4 x 1024MB ECC DDR2-533 SDRAM  
Disk Subsystem: 1 x 80GB 7200RPM SATA HDD  
Other Hardware:

### Software

Operating System: Microsoft Windows Server 2003 Enterprise Edition (Build 3790)  
Compiler: Intel C++ Build 20041019Z and Fortran Compiler 8.1 Build 20040802Z  
Microsoft Visual Studio .Net 2003(7.1.3091, for libraries)  
SmartHeap Library Version 7.4 from http://www.microquill.com/  
File System: NTFS  
System State: Default

## Notes/Tuning Information

```
+FDO: PASS1= -Qprof_gen PASS2=-Qprof_use
Base tuning for Fortran Programs: -fast -Qansi_alias +FDO
177.mesa:base for C Program: -fast +FDO shlw32M.lib
179.art:base for C Program: -fast +FDO shlw32M.lib
183.quake:base for C Program: -fast +FDO shlw32M.lib
188.amp:base for C Program: -fast +FDO shlw32M.lib
Portability:
178.galgel: -FI /F32000000
Peak tuning:
168.wupwise: -fast -Qansi_alias +FDO
171.swim: -fast -Qansi_alias +FDO
172.mgrid: -fast -Qansi_alias +FDO
173.applu: -fast -Qscalar_rep- -Qauto +FDO
177.mesa: basepeak=yes
178.galgel: -fast -Qansi_alias +FDO
179.art: basepeak=yes
183.quake: -fast -Oa -Qrcd -Qprof_gen shlw32M.lib
```



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SPECfp2000 = 1907

SPECfp\_base2000 = 1890

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## Notes/Tuning Information (Continued)

187.facerec: basepeak=yes  
188.amp: -Oa -QxP  
189.lucas: -fast -Qprefetch- +FDO  
191.fma3d: basepeak=yes  
200.sixtrack: -Qipo -QxP +FDO  
301.apsi: -fast +FDO

Product description located at <http://www.acer.com>