



# CFP2000 Result

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Acer Incorporated  
Altos G710 (3.0 GHz Intel Xeon)

SPECfp2000 = 1488

SPECfp\_base2000 = 1472

SPEC license #: 97 Tested by: Acer Incorporated Test date: Jun-2005 Hardware Avail: May-2005 Software Avail: Oct-2004

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
168.wupwise	1600	69.0	2319	69.1	2317	
171.swim	3100	142	2182	142	2181	
172.mgrid	1800	140	1286	140	1285	
173.applu	2100	156	1350	156	1350	
177.mesa	1400	104	1340	104	1340	
178.galgel	2900	135	2148	135	2148	
179.art	2600	102	2555	102	2555	
183.earthquake	1300	65.2	1994	65.2	1994	
187.facerec	1900	118	1610	118	1610	
188.ammp	2200	277	795	240	918	
189.lucas	2000	106	1893	106	1895	
191.fma3d	2100	163	1287	163	1287	
200.sixtrack	1100	203	541	202	545	
301.apsi	2600	251	1036	251	1036	

### Hardware

CPU: Intel Xeon (3.0 GHz, 1MB L2, 800MHz system bus)  
CPU MHz: 3000  
FPU: Integrated  
CPU(s) enabled: 1 core, 1 chip, 1 core/chip(Hyper-Threading Technology disabled)  
CPU(s) orderable: 1,2  
Parallel: No  
Primary Cache: 12KB(I) micro-ops + 16KB(D) on chip  
Secondary Cache: 1024KB(I+D) on chip  
L3 Cache: N/A  
Other Cache: N/A  
Memory: 8 x 512MB ECC DDR2-400 SDRAM  
Disk Subsystem: 1 x 36GB 10000RPM U320 SCSI 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.earthquake:Base for C Program: -fast +FDO shlw32M.lib
188.ammp: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: basepeak=yes
177.mesa: basepeak=yes
178.galgel: -fast -Qansi_alias +FDO
179.art: basepeak=yes
183.earthquake: -fast -Oa -Qrcd -Qprof_gen shlw32M.lib
```



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## Notes/Tuning Information (Continued)

187.facerec: basepeak=yes  
188.ammP: -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>