



# CFP2000 Result

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**Acer Incorporated**  
Acer Altos G330 (2.13 GHz Intel Xeon Processor 3050)

SPECfp\_rate2000 = 37.4  
SPECfp\_rate\_base2000 = 37.6

SPEC license #: 97 Tested by: Acer Incorporated Test date: Nov-2006 Hardware Avail: Nov-2006 Software Avail: Mar-2006

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	53.9	68.8	2	54.0	68.8
171.swim	2	216	33.3	2	216	33.3
172.mgrid	2	151	27.7	2	151	27.7
173.applu	2	172	28.3	2	172	28.3
177.mesa	2	68.7	47.3	2	68.7	47.3
178.galgel	2	105	63.8	2	106	63.7
179.art	2	92.9	65.0	2	92.9	65.0
183.quake	2	66.7	45.2	2	66.6	45.3
187.facerec	2	101	43.7	2	101	43.7
188.amp	2	213	23.9	2	228	22.4
189.lucas	2	135	34.3	2	135	34.4
191.fma3d	2	154	31.7	2	154	31.7
200.sixtrack	2	132	19.3	2	134	19.1
301.apsi	2	184	32.9	2	184	32.8

### Hardware

CPU: Intel Xeon Processor 3050 (2.13 GHz, 2MB L2, 1066MHz system bus)  
CPU MHz: 2133  
FPU: Integrated  
CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip  
CPU(s) orderable: 1 chip  
Parallel: No  
Primary Cache: 32KB(I) + 32KB(D) on chip, per core  
Secondary Cache: 2048KB(I+D) on chip, per chip  
L3 Cache: N/A  
Other Cache: N/A  
Memory: 4 x 1024MB ECC DDR2-667  
Disk Subsystem: 1 x 80GB 7200RPM SATA HDD  
Other Hardware:

### Software

Operating System: Microsoft Windows Server 2003 Enterprise Edition (Build 3790), Service Pack 1  
Compiler: Intel C++ 9.1 Build 20060323Z for IA32 and Fortran Compiler 9.1 Build 20060323Z for IA32  
Microsoft Visual Studio .Net 2003 (7.1.5091, for libraries)  
shlw32M.lib is 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 all Fortran Programs : -fast -Qansi_alias +FDO
Base tuning for all C Programs: -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.quake: -fast -Oa -Qrcd +FDO shlw32M.lib
187.facerec: basepeak=yes
188.amp: -Oa -QxP
189.lucas: -fast -Qprefetch- +FDO
```



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## Notes/Tuning Information (Continued)

191.fma3d: basepeak=yes  
200.sixtrack: -Qipo -QxP +FDO  
301.apsi: -fast +FDO