



# CFP2000 Result

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**Acer Incorporated**  
Acer Altos G320 (3.4 GHz Intel Pentium D 950)

SPECfp\_rate2000 = 37.4  
SPECfp\_rate\_base2000 = 37.3

SPEC license #: 97 Tested by: Acer Incorporated Test date: Jun-2006 Hardware Avail: May-2006 Software Avail: Nov-2005

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	66.2	56.1	2	66.0	56.2
171.swim	2	211	34.1	2	208	34.6
172.mgrid	2	138	30.3	2	137	30.5
173.applu	2	167	29.1	2	167	29.1
177.mesa	2	94.7	34.3	2	94.7	34.3
178.galgel	2	85.0	79.2	2	84.8	79.3
179.art	2	67.5	89.3	2	67.5	89.3
183.quake	2	65.9	45.8	2	65.2	46.2
187.facerec	2	103	42.8	2	103	42.8
188.amp	2	193	26.4	2	191	26.7
189.lucas	2	137	33.9	2	137	33.9
191.fma3d	2	160	30.5	2	160	30.5
200.sixtrack	2	163	15.7	2	163	15.7
301.apsi	2	203	29.7	2	204	29.6

### Hardware

CPU: Intel Pentium D 950 (3.4 GHz, 2x2MB L2, 800MHz system bus)  
CPU MHz: 3400  
FPU: Integrated  
CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip  
CPU(s) orderable: 1  
Parallel: No  
Primary Cache: 12K micro-ops I + 16KB(D) on chip, per core  
Secondary Cache: 2048KB(I+D) on chip, per core  
L3 Cache: N/A  
Other Cache: N/A  
Memory: 4 x 1024MB ECC DDR2-667 SDRAM  
Disk Subsystem: 1 x 73GB 10000RPM SATA HDD  
Other Hardware:

### Software

Operating System: Microsoft Windows Server 2003 Enterprise Edition SP1 (Build 3790)  
Compiler: Intel C++ 9.0 Build 20051130Z for IA32 and Fortran Compiler 9.0 Build 20051130Z for IA32  
Microsoft Visual Studio .Net 2003(7.1.3091, 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
```

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