



# CFP2000 Result

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Advanced Micro Devices  
ASUS A7V Motherboard 1.2GHz Athlon processor

SPECfp2000 = NC  
SPECfp\_base2000 = NC

SPEC license #: 49 | Tested by: AMD Austin TX | Test date: Dec-2000 | Hardware Avail: Oct-2000 | Software Avail: Oct-2000

**SPEC has determined that this result was not in compliance with the SPEC CPU2000 run and reporting rules. Specifically, the result did not meet the requirement for 4 flags for baseline (due to a typing error five flags were used). Replacement results can be found at:  
<http://www.spec.org/osg/cpu2000/results/res2001q1/cpu2000-20010214-00460.html>**

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	NC	NC	NC	NC
171.swim	3100	NC	NC	NC	NC
172.mgrid	1800	NC	NC	NC	NC
173.applu	2100	NC	NC	NC	NC
177.mesa	1400	NC	NC	NC	NC
178.galgel	2900	NC	NC	NC	NC
179.art	2600	NC	NC	NC	NC
183.quake	1300	NC	NC	NC	NC
187.facerec	1900	NC	NC	NC	NC
188.amp	2200	NC	NC	NC	NC
189.lucas	2000	NC	NC	NC	NC
191.fma3d	2100	NC	NC	NC	NC
200.sixtrack	1100	NC	NC	NC	NC
301.apsi	2600	NC	NC	NC	NC

### Hardware

CPU: 1.2GHz AMD Athlon processor A1200AMT3B  
 CPU MHz: 1200  
 FPU: Integrated  
 CPU(s) enabled: 1 core, 1 chip, 1 core/chip  
 CPU(s) orderable: 1  
 Parallel: No  
 Primary Cache: 64KBI + 64KBD on chip  
 Secondary Cache: 256KB(I+D) on chip  
 L3 Cache: N/A  
 Other Cache: N/A  
 Memory: 256MB PC133 SDRAM CL2  
 Disk Subsystem: WDC WD153BA  
 Other Hardware: Ethernet, NVidia Riva TNT2 Model 64

### Software

Operating System: Windows 2000  
 Compiler: Compaq Visual Fortran 6.5  
 Intel C and Fortran 5.0 Microsoft Visual Studio 6.0 (libraries)  
 MicroQuill SmartHeap Library 5.0  
 File System: FAT32  
 System State: Default

## Notes/Tuning Information

```
+FDO: PASS1=-Qprof_gen PASS2=-Qprof_use
Baseline: C icl -QxiM -Qipo -Qfp_port +FDO ONESTEP
Baseline: Fortran f90 -Optimize:5 -fast ONESTEP
Portability: 178.galgel: -FI -Fe$@ -link -stack:3200000
shlw32m.lib is the SmartHeap library V5.0 from MicroQuill www.microquill.com
Peak tuning: ONESTEP plus
168.wupwise: if1 -O3 -Qxi -Qwp_ipo -Qprefetch +FDO
171.swim: f90 -Optimize:5 -fast
```



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## Notes/Tuning Information (Continued)

172.mgrid: f90 -Optimize:5 -fast  
173.applu: f90 -Optimize:4 -fast  
177.mesa: icl -O3 -QxiM -Qwp\_ipo -Qprefetch +FDO  
178.galgel: f90 -Optimize:5 -fast  
179.art: icl -O3 -QxiM -QaxK -Qwp\_ipo -Qprefetch +FDO  
183.equake: icl -QxiM -Qrcd -Ow -Qipo -Qprefetch -Oi- +FDO shlW32M.lib  
187.facerec: f90 -Optimize:5 -fast  
188.ampp: icl -O3 -Qxi -QaxK -Qwp\_ipo -Qprefetch +FDO  
189.lucas: ifl -O3 -QxiM -QaxK -Qwp\_ipo -Qprefetch +FDO  
191.fma3d: f90 -Optimize:5 -fast  
200.sixtrack: ifl -O3 -QxiM -QaxK -Qwp\_ipo -Qprefetch +FDO  
301.apsi: f90 -Optimize:5 -fast

Library ordering for 189.lucas: LIBS=libIEPCF90.lib libintrins.lib libF90.lib libqwind.lib libm.lib shlW32M.lib LIBC.lib libirc.lib OLDNAMES.lib

The tested system can be assembled using an ATX case such as the Antec KS-282 and a 300W power supply such as the Sparkle FSP300-60GT.