



CFP2000 Result

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Advanced Micro Devices
Gigabyte GA-7DX Motherboard 1.2GHz Athlon processor

SPECfp2000 = NC
SPECfp_base2000 = NC

SPEC license #: 49 Tested by: AMD Austin TX Test date: Dec-2000 Hardware Avail: Feb-2001 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/cpu2000-20010214-00462.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.aplu	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 A1200AMT3C
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: 2 x 128MB PC2100 DDR SDRAM CL2.5
Disk Subsystem: IBM DPTA 373420 ATA-66
Other Hardware: Diamond Stealth 3D PCI

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: NTFS
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.
The system bus runs at 266MHz.