



CFP2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Advanced Micro Devices
Microstar K7T Pro motherboard 1.0GHz Athlon processor

SPECfp2000 = NC
SPECfp_base2000 = NC

SPEC license #: 49 | Tested by: AMD Austin TX | Test date: Jun-2000 | Hardware Avail: Jun-2000 | Software Avail: Sep-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 baseline optimization flags to be safe (the flag -QxK could generate code that would not execute on the tested platform).

Replacement results can be found at:

<http://www.spec.org/osg/cpu2000/results/res2001q1/cpu2000-20010214-00461.html>

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	1	2	3	4	5
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: 1GHz AMD Athlon processor A1000AMT3B
CPU MHz: 1000
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: IBM DPTA 373420 ATA-66
Other Hardware: Ethernet, GeForce2 GTS AGP

Software

Operating System: Windows NT 4.0 SP6
Compiler: Compaq Visual Fortran 6.5 Beta, Intel C and Fortran 4.5
Microsoft Visual Studio 6.0 Libraries, SmartHeap Library
File System: NTFS
System State: Default

Notes/Tuning Information

```
+FDO: PASS1=-Qprof_gen PASS2=-Qprof_use
Baseline: C icl -QaxK -Qipo_wp /Fm +FDO ONESTEP
Baseline: Fortran f90 -Optimize:5 -fast ONESTEP
Portability: 178.galgel: -FI -Fe$@ -link -stack:3200000
icl and ifl are Intel C and Fortran compilers, f90 is Compaq Fortran compiler.
shlw32M.lib is SmartHeap library V5.0 from MicroQuill www.microquill.com
```



CFP2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Advanced Micro Devices

Microstar K7T Pro motherboard 1.0GHz Athlon processor

SPECfp2000 = NC

SPECfp_base2000 = NC

SPEC license #: 49 | Tested by: AMD Austin TX | Test date: Jun-2000 | Hardware Avail: Jun-2000 | Software Avail: Sep-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 baseline optimization flags to be safe (the flag -QxK could generate code that would not execute on the tested platform).

Replacement results can be found at:

<http://www.spec.org/osg/cpu2000/results/res2001q1/cpu2000-20010214-00461.html>

Notes/Tuning Information (Continued)

```

Peak tuning:  ONESTEP plus
168.wupwise:  ifl -Qipo_wp -QxK +FDO
171.swim:     f90 -Optimize:5 -fast
172.mgrid:    f90 -Optimize:5 -fast
173.applu:    f90 -Optimize:5 -fast
177.mesa:     icl -Qipo_wp -QaxK -O3 +FDO
178.galgel:   f90 -Optimize:5 -fast
179.art:      icl -Qipo_wp -QaxK -O3 +FDO
183.quake:    icl -QxK -Qrcd -Ow -Qipo_wp +FDO shlW32M.lib
187.facerec:  f90 -Optimize:5 -fast
188.ammp:     icl -Qipo_wp -QaxK -O3 +FDO
189.lucas:    f90 -Optimize:5 -fast
191.fma3d:    f90 -Optimize:5 -fast
200.sixtrack: ifl -Qipo_wp -QaxK +FDO
301.apsi:     f90 -Optimize:5 -fast

```

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. Compaq Visual Fortran 6.5 available Sep-2000; Other software available Jun-2000