CFP2000 Result

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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
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.equake	1300	NC	NC	NC	NC
187.facerec	1900	NC	NC	NC	NC
188.ammp	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:32000000
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
```


Non-Compliant

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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.equake:   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
```

Non-Compliant