



CFP2000 Result

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Advanced Micro Devices
Gigabyte GA-7ZM motherboard 1.1GHz Athlon processor

SPECfp2000 = 331
SPECfp_base2000 = 311

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	100 200 300 400 500 600					
168.wupwise	1600	470	340	337	474	[Bar chart showing ratio 474]					
171.swim	3100	616	503	609	509	[Bar chart showing ratio 509]					
172.mgrid	1800	704	256	621	290	[Bar chart showing ratio 290]					
173.applu	2100	715	294	663	317	[Bar chart showing ratio 317]					
177.mesa	1400	334	419	333	420	[Bar chart showing ratio 420]					
178.galgel	2900	635	457	633	458	[Bar chart showing ratio 458]					
179.art	2600	1232	211	1197	217	[Bar chart showing ratio 217]					
183.quake	1300	500	260	398	326	[Bar chart showing ratio 326]					
187.facerec	1900	488	390	485	392	[Bar chart showing ratio 392]					
188.amp	2200	756	291	757	291	[Bar chart showing ratio 291]					
189.lucas	2000	869	230	869	230	[Bar chart showing ratio 230]					
191.fma3d	2100	594	354	593	354	[Bar chart showing ratio 354]					
200.sixtrack	1100	465	237	433	254	[Bar chart showing ratio 254]					
301.apsi	2600	975	267	975	267	[Bar chart showing ratio 267]					

Hardware

CPU: 1.1GHz AMD Athlon Processor A1100AMT3B
CPU MHz: 1100
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 Non-ECC
Disk Subsystem: IBM DPTA 372060 ATA-66
Other Hardware: Savage S4 video card

Software

Operating System: Windows 2000 (Build 2195)
Compiler: Compaq Visual Fortran 6.5 Beta
Intel C and Fortran 4.5
File System: FAT32
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, icf are Intel C,Fortran compilers, f90 is Compaq Fortran compiler, shlw32M.lib is Smartheap Library
Peak tuning: ONESTEP plus
168.wupwise:  ifl -Qipo_wp -QxK -O3 +FDO
171.swim:      f90 -Optimize:5 -fast
172.mgrid:    ifl -Qipo_wp -QxK -O3 +FDO
173.applu:    f90 -Optimize:4 -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.amp:      icl -Qipo_wp -QaxK -O3 +FDO
189.lucas:    f90 -Optimize:5 -fast
```



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Notes/Tuning Information (Continued)

```
191.fma3d:    f90 -Optimize:5 -fast
200.sixtrack: if1 -Qipo_wp -QaxK -O3 +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 Aug-2000
Serial, parallel, sound, USB onboard peripherals disabled in BIOS