CFP2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Advanced Micro Devices

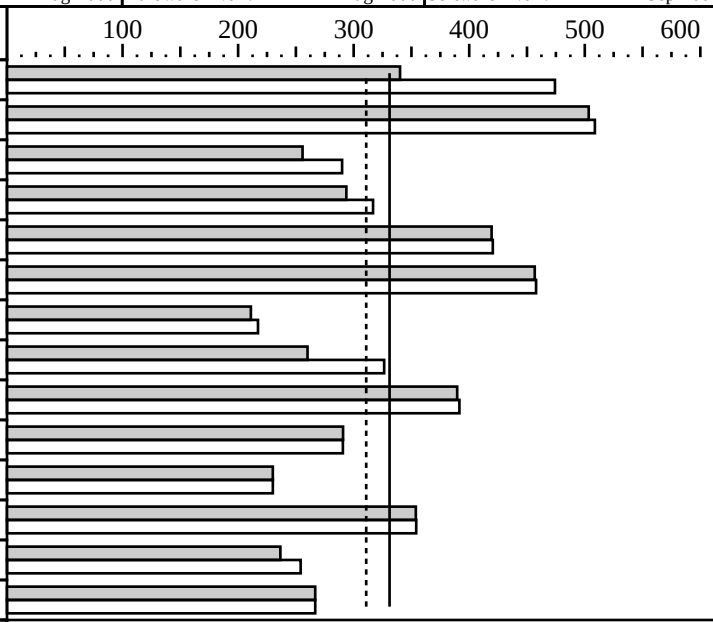
Gigabyte GA-7ZM motherboard 1.1GHz Athlon processor

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

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Notes/Tuning Information (Continued)

```
 191.fma3d:    f90 -Optimize:5 -fast
 200.sixtrack: ifl -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
```