CFP2000 Result

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Advanced Micro Devices

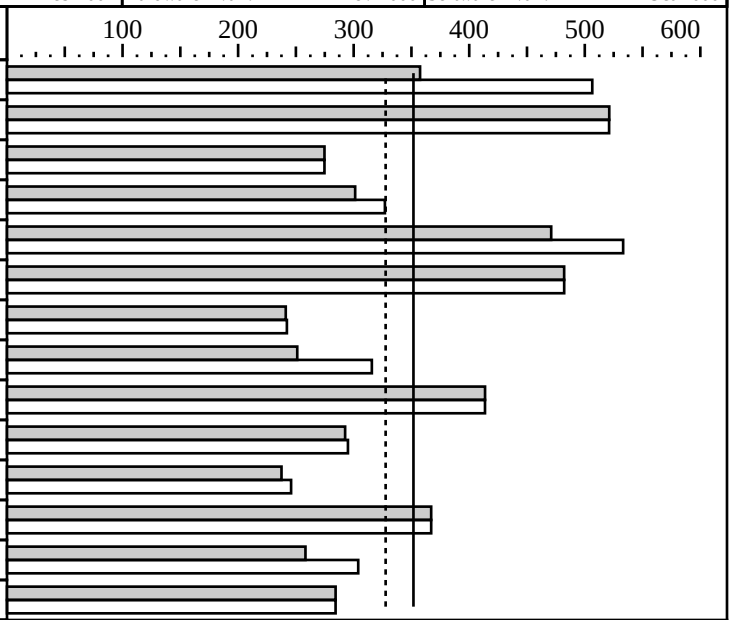
ASUS A7V Motherboard, 1.2GHz Athlon Processor

SPECfp2000 = 352

SPECfp_base2000 = 328

SPEC license #: 49 | Tested by: AMD Austin TX | Test date: Feb-2001 | Hardware Avail: Nov-2000 | Software Avail: Oct-2000

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	448	357	316	506
171.swim	3100	595	521	595	521
172.mgrid	1800	655	275	655	275
173.applu	2100	697	301	642	327
177.mesa	1400	297	471	263	533
178.galgel	2900	601	482	601	482
179.art	2600	1078	241	1073	242
183.equake	1300	518	251	412	316
187.facerec	1900	459	414	459	414
188.ammp	2200	752	293	746	295
189.lucas	2000	842	238	813	246
191.fma3d	2100	572	367	572	367
200.sixtrack	1100	426	258	362	304
301.apsi	2600	914	284	914	284



Hardware

CPU:	1.2GHz AMD Athlon processor A1200AMT3B
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:	256MB PC133 SDRAM CL2
Disk Subsystem:	WDC WD153BA
Other Hardware:	None

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:	FAT32
System State:	Default

Notes/Tuning Information

```
+FDO: PASS1=-Qprof_gen  PASS2=-Qprof_use
Baseline: C       icl -QaxK -Qipo +FDO ONESTEP
Baseline: Fortran f90 -Optimize:5 -fast ONESTEP
Portability: 178.galgel: -FI -Fe$@ -link -stack:32000000
shlW32M.lib is the SmartHeap library V5.0 from MicroQuill www.microquill.com
Peak tuning:  ONESTEP plus
168.wupwise:  ifl -O3 -Qxi -Qwp_ipo -Qprefetch +FDO
171.swim:     f90 -Optimize:5 -fast
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 +FDO shlW32M.lib
187.facerec:  f90 -Optimize:5 -fast
188.ammp:     icl -O3 -Qxi -QaxK -Qwp_ipo -Qprefetch +FDO
189.lucas:    ifl -O3 -QxiM -QaxK -Qwp_ipo -Qprefetch +FDO shlW32M.lib
```

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Notes/Tuning Information (Continued)

```
 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 (to include SmartHeap correctly with default libs): 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.
```