CFP2000 Result

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Advanced Micro Devices

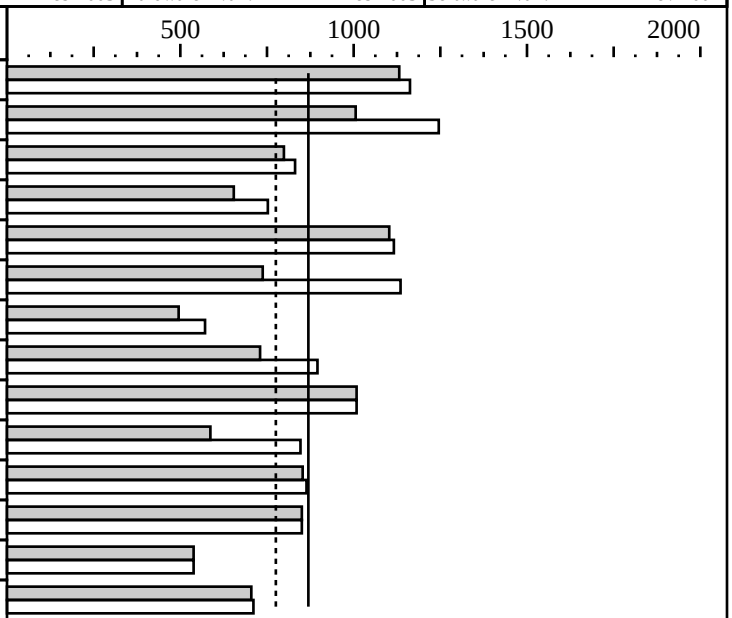
ASUS A7N8X Deluxe Motherboard, AMD Athlon (TM) XP 3000+

SPECfp2000 = 869

SPECfp_base2000 = 776

SPEC license #: 49 | Tested by: AMD Austin TX | Test date: Feb-2003 | Hardware Avail: Feb-2003 | Software Avail: Nov-2002

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	141	1131	138	1162
171.swim	3100	308	1006	249	1245
172.mgrid	1800	225	799	217	831
173.applu	2100	321	654	279	752
177.mesa	1400	127	1103	125	1116
178.galgel	2900	393	738	255	1135
179.art	2600	525	495	455	571
183.equake	1300	178	730	145	896
187.facerec	1900	188	1008	188	1008
188.ammp	2200	375	587	260	847
189.lucas	2000	235	853	232	864
191.fma3d	2100	247	850	247	850
200.sixtrack	1100	204	538	204	538
301.apsi	2600	369	705	366	711



Hardware

CPU:	AMD Athlon (TM) AXDA3000DKV4D
CPU MHz:	2167
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:	512KB(I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	2x512MB PC2700 DDR SDRAM CL2
Disk Subsystem:	WD 10GB IDE
Other Hardware:	None

Software

Operating System:	Windows XP
Compiler:	Intel C++ 7.0 build 20021021Z Intel Fortran 7.0 build 20021028Z and Compaq Visual Fortran 6.5 Microsoft Visual Studio .NET (libraries) MicroQuill Smartheap Library 6.0
File System:	NTFS
System State:	Default

Notes/Tuning Information

```
+FDO: PASS1=-Qprof_gen  PASS2=-Qprof_use
icl and ifl are the Intel C++ and Fortran compilers
f90 is the Compaq Fortran compiler
shlW32M.lib is the SmartHeap library V6.0 from MicroQuill www.microquill.com
Portability:
178.galgel: -FI -Fe$@ -link -stack:32000000
Baseline: C       icl -QxK -Qipo +FDO shlW32M.lib
Baseline: Fortran ifl -QxK -O3 -Qipo +FDO
Peak tuning:
168.wupwise:  ifl -O3 -QxK -Qipo +FDO shlW32M.lib
171.swim:     ifl -O3 -QxK +FDO
172.mgrid:    ifl -O3 -QxK
173.applu:    ifl -O3 -QxK -Qipo -Qscalar_rep +FDO shlW32M.lib
177.mesa:     icl -O3 -QxK -Qipo +FDO shlW32M.lib
178.galgel:   f90 -Optimize:5 -fast
179.art:      icl -O2 -QxK -Qipo -Oa +FDO
183.equake:   icl -O3 -QxK -Qipo -Oa +FDO shlW32M.lib
```

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Notes/Tuning Information (Continued)

```
 187.facerec:  basepeak=true
 188.ammp:     icl -O3 -QxK -Oa
 189.lucas:    ifl -O3 -QxK -Qipo +FDO shlW32M.lib
 191.fma3d:    basepeak=true
 200.sixtrack: basepeak=true
 301.apsi:     f90 -Optimize:5 -fast
 ONESTEP is used for all base and peak runs
The tested system can be assembled using an ATX case such as the Antec KS-282,
a 300W power supply such as the Sparkle FSP300-60GT, and a PCI or AGP video card.
The System bus runs at 333MHz
The Memory bus runs at 333MHz
Memory used dual channel configuration
```