CFP2000 Result

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Advanced Micro Devices

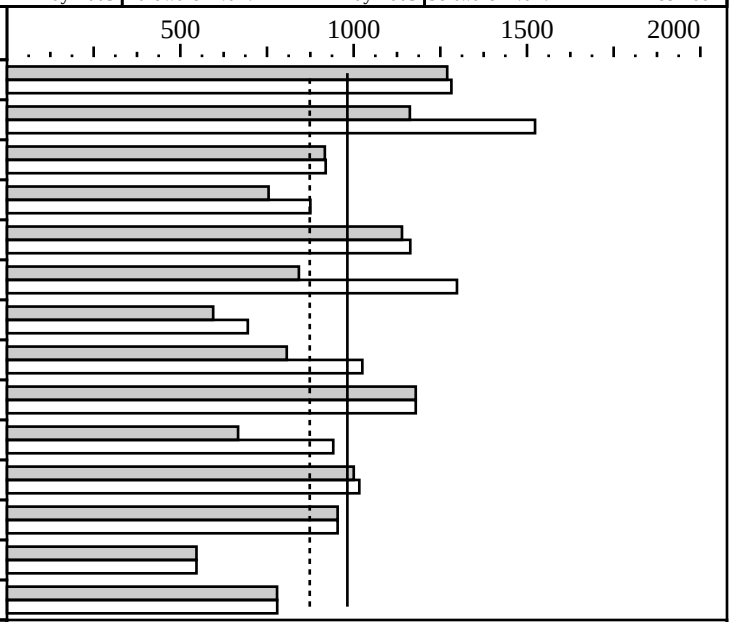
ASUS A7N8X Motherboard rev. 2.0, AMD Athlon (TM) XP 3200+

SPECfp2000 = 982

SPECfp_base2000 = 873

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	126	1270	125	1282
171.swim	3100	267	1162	204	1523
172.mgrid	1800	196	917	196	919
173.applu	2100	278	755	240	875
177.mesa	1400	123	1139	120	1163
178.galgel	2900	344	842	223	1298
179.art	2600	437	595	374	695
183.equake	1300	161	807	127	1025
187.facerec	1900	161	1179	161	1179
188.ammp	2200	330	667	234	941
189.lucas	2000	200	1000	197	1016
191.fma3d	2100	220	954	220	954
200.sixtrack	1100	201	547	201	547
301.apsi	2600	334	779	334	779



Hardware

CPU:	AMD Athlon (TM) XP AXDA3200KV4E
CPU MHz:	2200
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:	2x256MB PC3200 DDR SDRAM CL2.0
Disk Subsystem:	WD1200JB-00DUA1 120GB IDE
Other Hardware:	None

Software

Operating System:	Windows XP Professional SP1
Compiler:	Intel C++ 7.0 build 20021021Z Intel Fortran 7.0 build 20021028Z and Compaq Visual Fortran 6.5 Microsoft Visual Studio .NET 7.0.9466 (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 480W power supply such as the Antec True480, and a PCI or AGP video card.
The System bus runs at 400MHz
The Memory bus runs at 400MHz
Memory used in dual channel configuration
```