CINT2000 Result

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Advanced Micro Devices

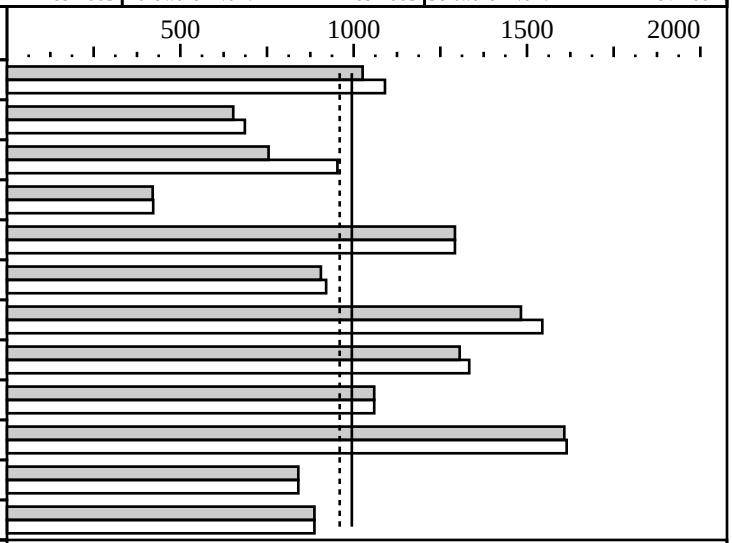
ASUS A7N8X Deluxe Motherboard, AMD Athlon (TM) XP 3000+

SPECint2000 = 995

SPECint_base2000 = 960

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
164.gzip	1400	136	1026	128	1090
175.vpr	1400	215	653	204	686
176.gcc	1100	146	755	115	953
181.mcf	1800	428	420	427	422
186.crafty	1000	77.4	1292	77.4	1292
197.parser	1800	199	905	196	921
252.eon	1300	87.7	1483	84.2	1544
253.perlbmk	1800	138	1306	135	1333
254.gap	1100	104	1059	104	1059
255.vortex	1900	118	1608	118	1614
256.bzip2	1500	179	840	179	840
300.twolf	3000	338	887	338	887



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 Microsoft Visual Studio .NET (libraries) MicroQuill Smartheap Library 6.0
File System:	NTFS
System State:	Default

Notes/Tuning Information

```
shlW32M.lib is the SmartHeap library V6.0 from MicroQuill www.microquill.com
+FDO: PASS1=-Qprof_gen  PASS2=-Qprof_use
Portability:
176.gcc:    -Dalloca=_alloca /F10000000
186.crafty:   -DNT_i386
253.perlbmk:  -DSPEC_CPU2000_NTOS -DPERLDLL /MT
254.gap:    -DSYS_HAS_CALLOC_PROTO -DSYS_HAS_MALLOC_PROTO
Baseline C:   -QxK -Qipo +FDO shlW32M.lib
Baseline C++: -QxK -Qipo -GX -GR
Peak tuning:
164.gzip:     -O3 -QxK -Qipo -Oi- -Oa +FDO shlW32M.lib
175.vpr:      -O2 -QxK -Qipo +FDO
176.gcc:      -O3 -QxK -Oi- -Qipo +FDO shlW32M.lib
181.mcf:      -O3 -QxK -Qipo +FDO shlW32M.lib
186.crafty:   basepeak=true
197.parser:   -O3 -QxK -Qipo -Oa +FDO shlW32M.lib
252.eon:      -O2 -QxK -Qipo +FDO
253.perlbmk:  -O3 -QxK -Qipo +FDO shlW32M.lib
254.gap:      basepeak=true
255.vortex:   -O3 -QxK -Qipo -Oi- +FDO shlW32M.lib
```

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Notes/Tuning Information (Continued)

```
 256.bzip2:    basepeak=true
 300.twolf:    basepeak=true
 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
```