CINT2000 Result

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Advanced Micro Devices

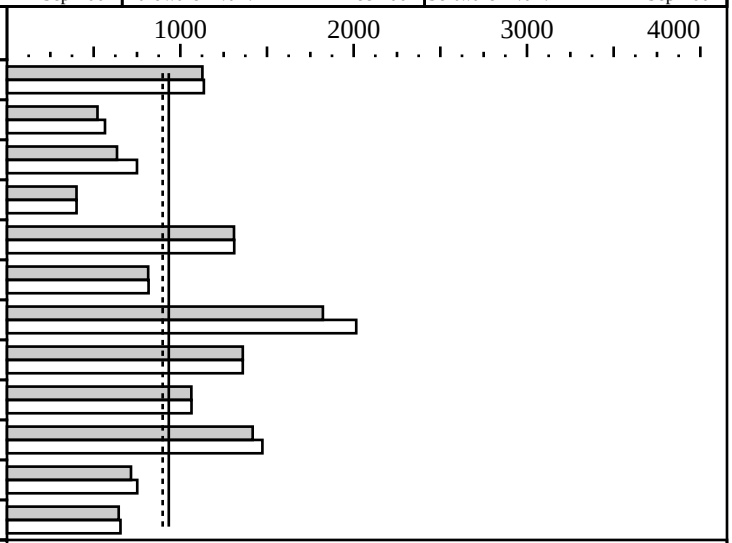
ASUS A7N8X (REV 1.02) Motherboard, AMD Athlon (TM) XP 2800+

SPECint2000 = 933

SPECint_base2000 = 898

SPEC license #: 49 | Tested by: AMD Sunnyvale, CA | Test date: Sep-2002 | Hardware Avail: Dec-2002 | Software Avail: Sep-2002

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	124	1127	123	1136
175.vpr	1400	268	522	248	565
176.gcc	1100	173	635	147	750
181.mcf	1800	449	401	449	401
186.crafty	1000	76.4	1310	76.3	1311
197.parser	1800	221	815	220	817
252.eon	1300	71.3	1822	64.5	2015
253.perlbmk	1800	132	1360	132	1360
254.gap	1100	103	1064	103	1064
255.vortex	1900	134	1417	129	1473
256.bzip2	1500	210	715	200	751
300.twolf	3000	466	644	458	655



Hardware

CPU:	AMD Athlon (TM) XP 2800+
CPU MHz:	2250
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:	2x256MB PC2700 DDR SDRAM CL2.5
Disk Subsystem:	Western Digital WD1200
Other Hardware:	None

Software

Operating System:	Windows XP Pro, SP 1
Compiler:	Intel C++ 5.0.1 build 020125Z Microsoft Visual Studio 6.0 SP5 (libraries) MicroQuill Smartheap Library 5.0
File System:	NTFS
System State:	Default

Notes/Tuning Information

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shlW32M.lib is the SmartHeap library V5.0 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 -Qwp_ipo -Oi- -Oa +FDO
175.vpr:      -O3 -Qxi -QaxK -Qwp_ipo +FDO
176.gcc:      -O3 -QxK -Qwp_ipo -Oi- +FDO shlW32M.lib
181.mcf:      -O3 -QxK -Qwp_ipo +FDO shlW32M.lib
186.crafty:   -O3 -QxK -Qwp_ipo -Oa +FDO shlW32M.lib
197.parser:   -O3 -QxK -Qwp_ipo +FDO
252.eon:      -O3 -QxK -Qwp_ipo +FDO
253.perlbmk:  -O3 -QxK -Qipo +FDO shlW32M.lib
254.gap:      -O3 -QxK -Qipo -Oi- +FDO
255.vortex:   -O3 -QxK -Qwp_ipo +FDO
```

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Notes/Tuning Information (Continued)

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 256.bzip2:    -O3 -QxK -Oa -Qwp_ipo
 300.twolf:    -O3 -QxK -Qipo -Oa +FDO shlW32M.lib
 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 two SDRAMs were used in a dual-channel configuration.
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