



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.perlbnk	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.perlbnk: -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.perlbnk: -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