



CINT2000 Result

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Advanced Micro Devices

MSI K7D Master Motherboard, AMD Athlon (TM) MP 2600+

SPECint2000 = 781

SPECint_base2000 = 751

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
164.gzip	1400	138	1015	136	1026	
175.vpr	1400	326	430	299	468	
176.gcc	1100	237	464	200	549	
181.mcf	1800	630	286	627	287	
186.crafty	1000	82.2	1217	82.1	1218	
197.parser	1800	276	652	274	656	
252.eon	1300	75.3	1727	68.2	1907	
253.perlbnk	1800	146	1231	146	1231	
254.gap	1100	130	846	130	849	
255.vortex	1900	153	1242	149	1272	
256.bzip2	1500	253	593	240	625	
300.twolf	3000	569	528	554	541	

Hardware

CPU: AMD Athlon(TM) AMSN2600DKT3C
 CPU MHz: 2133
 FPU: Integrated
 CPU(s) enabled: 1 core, 1 chip, 1 core/chip
 CPU(s) orderable: 1,2
 Parallel: No
 Primary Cache: 64KBI + 64KBD on chip
 Secondary Cache: 256KB(I+D) on chip
 L3 Cache: N/A
 Other Cache: N/A
 Memory: 1x512MB PC2100 DDR SDRAM CL2
 Disk Subsystem: Seagate ST320414A
 Other Hardware: None

Software

Operating System: Windows XP Professional SP1
 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

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.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 -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.perlbnk: -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 400W power supply such as the Antec SL400, and a PCI or AGP video card.
The System bus runs at 266MHz