



CINT2000 Result

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Advanced Micro Devices

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

SPECint_rate2000 = 9.07

SPECint_rate_base2000 = 8.71

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	1	138	11.8	1	136	11.9
175.vpr	1	326	4.98	1	299	5.43
176.gcc	1	237	5.38	1	200	6.37
181.mcf	1	630	3.32	1	627	3.33
186.crafty	1	82.2	14.1	1	82.1	14.1
197.parser	1	276	7.57	1	274	7.61
252.eon	1	75.3	20.0	1	68.2	22.1
253.perlbnk	1	146	14.3	1	146	14.3
254.gap	1	130	9.81	1	130	9.85
255.vortex	1	153	14.4	1	149	14.8
256.bzip2	1	253	6.88	1	240	7.25
300.twolf	1	569	6.12	1	554	6.28

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