



CINT2000 Result

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Advanced Micro Devices

Asus A7M266-D Motherboard, AMD Athlon (TM) MP 2400+

SPECint_rate2000 = 8.89

SPECint_rate_base2000 = 8.55

SPEC license #: 49 | Tested by: AMD Austin, TX | Test date: Nov-2002 | Hardware Avail: Dec-2002 | Software Avail: Feb-2002

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	1	146	11.1	1	144	11.3
175.vpr	1	322	5.05	1	297	5.46
176.gcc	1	233	5.47	1	198	6.46
181.mcf	1	615	3.39	1	616	3.39
186.crafty	1	86.5	13.4	1	86.4	13.4
197.parser	1	277	7.55	1	276	7.56
252.eon	1	80.4	18.7	1	72.8	20.7
253.perlbnk	1	153	13.6	1	153	13.6
254.gap	1	132	9.70	1	131	9.72
255.vortex	1	162	13.6	1	157	14.1
256.bzip2	1	253	6.89	1	240	7.24
300.twolf	1	558	6.23	1	550	6.33

Hardware

CPU: AMD Athlon (TM) MP 2400+
 CPU MHz: 2000
 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: 2x256MB PC2100 DDR SDRAM CL2
 Disk Subsystem: Seagate ST320414A
 Other Hardware: None

Software

Operating System: Windows 2000 SP2
 Compiler: Intel C++ 5.0.1 build 020125Z
 Microsoft Visual Studio 6.0 SP5 (libraries)
 MicroQuill SmartHeap Library 5.0
 File System: FAT32
 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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<http://www.spec.org>



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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 Sparkle FSP400-60GN, and a PCI or AGP video card. The System bus runs at 266MHz