



CINT2000 Result

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Advanced Micro Devices

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

SPECint_rate2000 = 15.4

SPECint_rate_base2000 = 15.0

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

					Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio				
45	40	35	30	25	20	15	10	5	164.gzip	2	152	21.4	2	150	21.7
									175.vpr	2	387	8.40	2	361	9.00
									176.gcc	2	285	8.97	2	263	9.70
									181.mcf	2	853	4.89	2	853	4.89
									186.crafty	2	89.2	26.0	2	89.1	26.0
									197.parser	2	319	13.1	2	318	13.1
									252.eon	2	80.5	37.5	2	72.8	41.4
									253.perlbnk	2	161	25.9	2	161	25.9
									254.gap	2	154	16.6	2	152	16.8
									255.vortex	2	176	25.1	2	179	24.6
									256.bzip2	2	307	11.3	2	297	11.7
									300.twolf	2	668	10.4	2	660	10.5

Hardware

CPU: AMD Athlon (TM) MP 2400+
CPU MHz: 2000
FPU: Integrated
CPU(s) enabled: 2 cores, 2 chips, 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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info@spec.org

<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