



# CINT2000 Result

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## Advanced Micro Devices

Asus A7M266-D Motherboard, AMD Athlon (TM) MP 2000+

SPECint\_rate2000 = 7.68

SPECint\_rate\_base2000 = 7.40

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	1	170	9.53	1	169	9.62
175.vpr	1	367	4.42	1	339	4.79
176.gcc	1	257	4.96	1	219	5.83
181.mcf	1	670	3.12	1	669	3.12
186.crafty	1	103	11.2	1	103	11.2
197.parser	1	320	6.52	1	319	6.54
252.eon	1	96.6	15.6	1	87.9	17.2
253.perlbnk	1	183	11.4	1	182	11.4
254.gap	1	153	8.34	1	152	8.37
255.vortex	1	192	11.5	1	187	11.8
256.bzip2	1	289	6.02	1	275	6.33
300.twolf	1	637	5.47	1	627	5.55

### Hardware

CPU: AMD Athlon (TM) MP 2000+  
CPU MHz: 1667  
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 ST318451LW  
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](http://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 420W power supply such as the NSpire MSP-420P4B, and a PCI or AGP video card. The System bus runs at 266MHz