# CINT2000 Result

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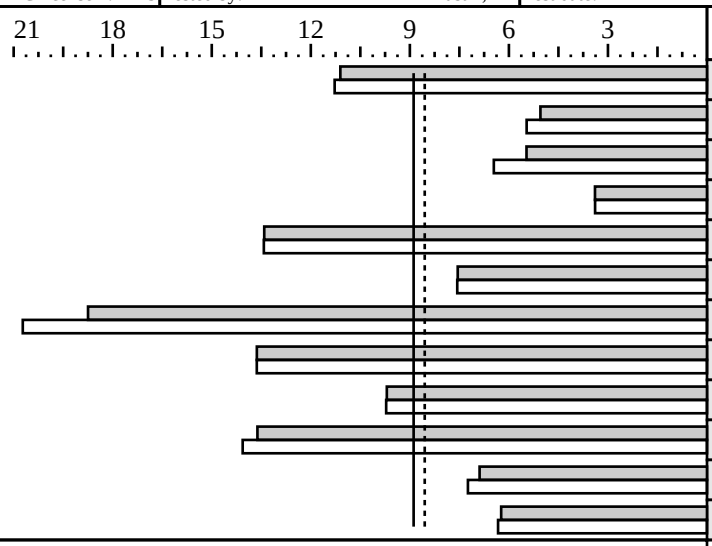
## Advanced Micro Devices

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.perlbmk | 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<br>Microsoft Visual Studio 6.0 SP5 (libraries)<br>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.perlbmk:  -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.perlbmk:  -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)

```
 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
```