CINT2000 Result

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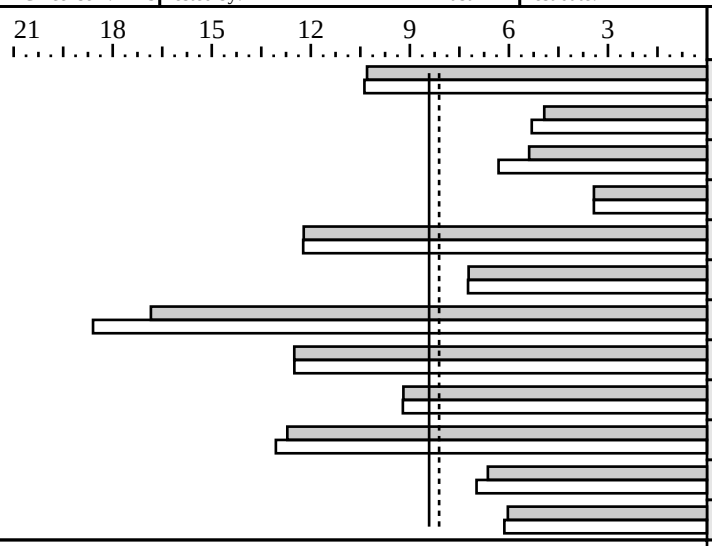
Advanced Micro Devices

MSI K7D Master Motherboard, AMD Athlon (TM) MP 2200+

SPECint_rate2000 = 8.42

SPECint_rate_base2000 = 8.11

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	1	158	10.3	1	157	10.4
175.vpr	1	329	4.93	1	306	5.31
176.gcc	1	237	5.39	1	202	6.31
181.mcf	1	610	3.42	1	609	3.43
186.crafty	1	95.0	12.2	1	94.8	12.2
197.parser	1	289	7.22	1	288	7.24
252.eon	1	89.5	16.8	1	81.1	18.6
253.perlbmk	1	167	12.5	1	167	12.5
254.gap	1	139	9.20	1	139	9.21
255.vortex	1	173	12.7	1	169	13.1
256.bzip2	1	262	6.64	1	249	6.98
300.twolf	1	577	6.03	1	567	6.14

Hardware

CPU:	AMD Athlon (TM) MP 2200+
CPU MHz:	1800
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 ST318452LW
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

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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)

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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 NSP-420P4B, and a PCI or AGP video card.
The System bus runs at 266MHz
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