CINT2000 Result

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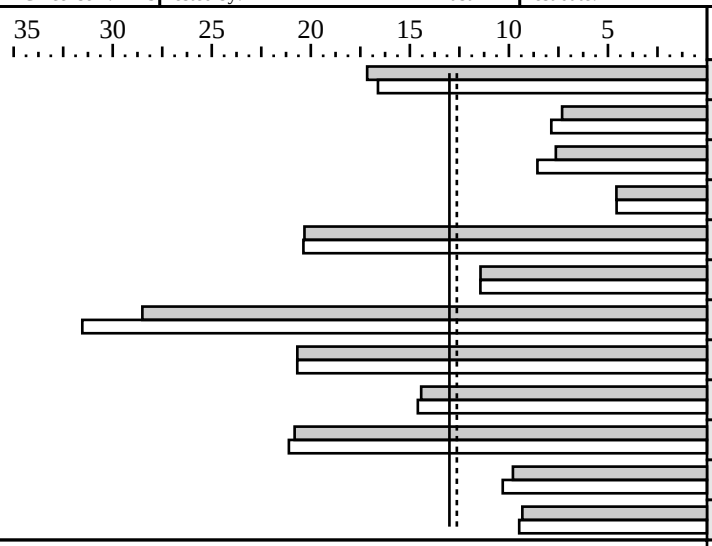
Advanced Micro Devices

Tyan Thunder K7 Motherboard, AMD Athlon (TM) MP 1800+

SPECint_rate2000 = 13.0

SPECint_rate_base2000 = 12.6

SPEC license #: 49 | Tested by: AMD Austin TX | Test date: Oct-2001 | Hardware Avail: Oct-2001 | Software Avail: Jul-2001



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	2	189	17.2	2	196	16.6
175.vpr	2	444	7.31	2	413	7.86
176.gcc	2	334	7.63	2	298	8.56
181.mcf	2	913	4.57	2	915	4.56
186.crafty	2	114	20.3	2	114	20.4
197.parser	2	365	11.4	2	365	11.4
252.eon	2	106	28.5	2	95.6	31.5
253.perlbmk	2	202	20.7	2	202	20.7
254.gap	2	177	14.4	2	175	14.6
255.vortex	2	212	20.8	2	209	21.1
256.bzip2	2	355	9.80	2	338	10.3
300.twolf	2	747	9.32	2	734	9.48

Hardware

CPU:	AMD Athlon (TM) MP 1800+
CPU MHz:	1533
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 Registered
Disk Subsystem:	Seagate ST330620A
Other Hardware:	None

Software

Operating System:	Windows 2000 SP1
Compiler:	Intel C/C++ 5.0.1 build 010525Z 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- +FDO
175.vpr:      -O3 -Qxi -QaxK -Qwp_ipo +FDO
176.gcc:      -O3 -QxK -Qwp_ipo -Oi- +FDO shlW32M.lib
181.mcf:      -O3 -Qxi -QaxK -Qwp_ipo +FDO
186.crafty:   -O3 -QxK -Qwp_ipo -Oa +FDO shlW32M.lib
197.parser:   -O3 -Qxi -QaxK -Qwp_ipo +FDO
252.eon:      -O3 -QxiM -Qwp_ipo +FDO
253.perlbmk:  -O3 -QxK -Qipo +FDO shlW32M.lib
254.gap:      -O3 -QxK -Qipo -Oi- +FDO shlW32M.lib
255.vortex:   -O3 -QxK -Qwp_ipo +FDO shlW32M.lib
```

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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 a case such as the Chenming 601 AE-F-O,
a 460W power supply such as the Delta Electronics DPS465 AB A
The System bus runs at 266MHz
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