CINT2000 Result

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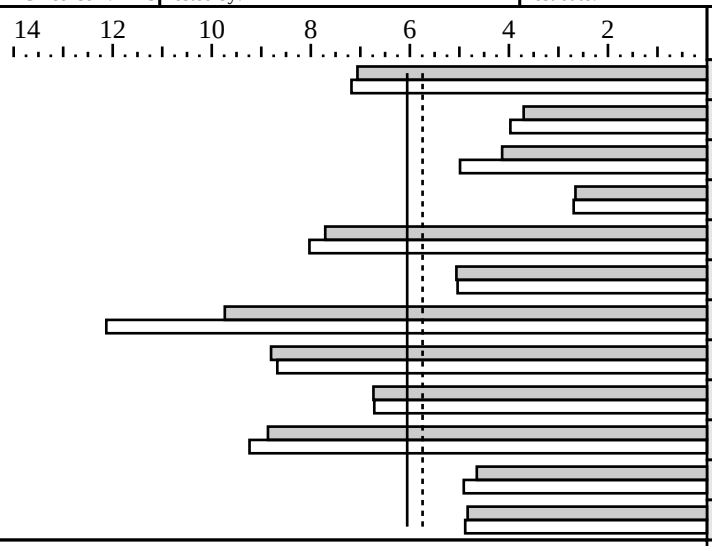
Advanced Micro Devices

Tyan Thunder K7 Motherboard, 1.2GHz Athlon MP Processor

SPECint_rate2000 = 6.05

SPECint_rate_base2000 = 5.74

SPEC license #: 49 | Tested by: AMD | Test date: May-2001 | Hardware Avail: Jun-2001 | Software Avail: Nov-2000



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	1	230	7.06	1	226	7.18
175.vpr	1	439	3.70	1	409	3.97
176.gcc	1	308	4.14	1	256	4.99
181.mcf	1	786	2.66	1	776	2.69
186.crafty	1	150	7.71	1	145	8.03
197.parser	1	413	5.06	1	415	5.04
252.eon	1	155	9.74	1	124	12.1
253.perlbmk	1	237	8.80	1	241	8.68
254.gap	1	189	6.74	1	190	6.72
255.vortex	1	249	8.87	1	239	9.24
256.bzip2	1	374	4.65	1	354	4.91
300.twolf	1	720	4.83	1	713	4.88

Hardware

CPU:	1.2GHz AMD Athlon MP AHD1200AMS3C
CPU MHz:	1200
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:	256MB PC2100 DDR SDRAM CL2 Registered
Disk Subsystem:	IDE IBM Deskstar DTLA-307020
Other Hardware:	None

Software

Operating System:	Windows 2000 SP1
Compiler:	Intel C/C++ 5.0 build 001120 Microsoft Visual Studio 6.0 (libraries) MicroQuill Smartheap Library 5.0
File System:	NTFS
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:     -QxK -Qipo -Oi- +FDO
175.vpr:      -Qxi -QaxK -Qwp_ipo +FDO
176.gcc:      -QxiM -QaxK -Qipo -Oi- +FDO shlW32M.lib
181.mcf:      -Qxi -QaxK -Qwp_ipo +FDO
186.crafty:   -Qxi -Qwp_ipo +FDO
197.parser:   -Qxi -QaxK -Qwp_ipo +FDO
252.eon:      -QxiM -Qwp_ipo +FDO
253.perlbmk:  -QxiM -Qwp_ipo +FDO shlW32M.lib
254.gap:      -QaxK -Qwp_ipo +FDO shlW32M.lib
255.vortex:   -QxiM -Qwp_ipo -Oa -Oi- +FDO shlW32M.lib
```

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Notes/Tuning Information (Continued)

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 256.bzip2:    -Qxi -QaxK -Oa -Qwp_ipo
 300.twolf:    -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 Model DPS-465 AB A
The System bus runs at 266MHz
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