CINT2000 Result

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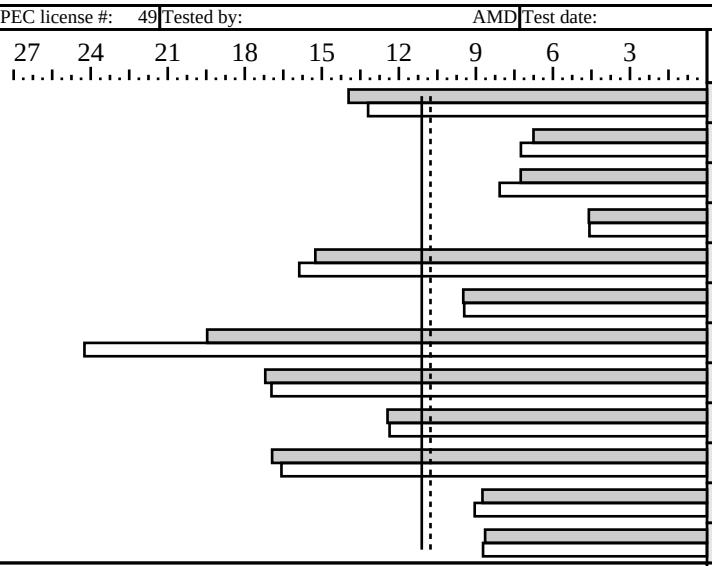
Advanced Micro Devices

Tyan Thunder K7 Motherboard, 1.2GHz Athlon MP Processor

SPECint_rate2000 = 11.1

SPECint_rate_base2000 = 10.8

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	2	233	14.0	2	246	13.2
175.vpr	2	481	6.76	2	448	7.25
176.gcc	2	352	7.25	2	316	8.07
181.mcf	2	908	4.60	2	912	4.58
186.crafty	2	152	15.3	2	146	15.9
197.parser	2	440	9.49	2	442	9.45
252.eon	2	155	19.5	2	124	24.2
253.perlbmk	2	243	17.2	2	246	17.0
254.gap	2	205	12.4	2	206	12.4
255.vortex	2	260	16.9	2	266	16.6
256.bzip2	2	398	8.74	2	385	9.05
300.twolf	2	805	8.64	2	798	8.72

Hardware

CPU:	1.2GHz AMD Athlon MP AHD1200AMS3C
CPU MHz:	1200
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:	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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