CINT2000 Result

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Advanced Micro Devices

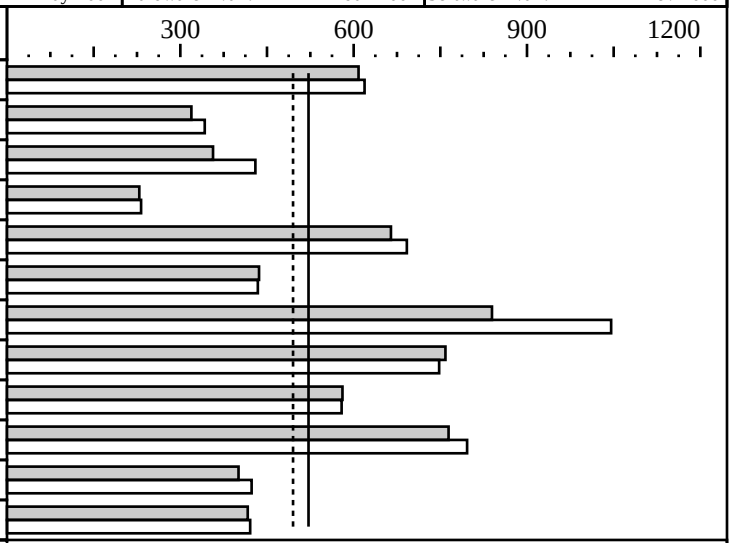
Tyan Thunder K7 Motherboard, 1.2GHz Athlon MP Processor

SPECint2000 = 522

SPECint_base2000 = 495

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	230	608	226	619
175.vpr	1400	439	319	409	342
176.gcc	1100	308	357	256	430
181.mcf	1800	786	229	776	232
186.crafty	1000	150	665	145	692
197.parser	1800	413	436	415	434
252.eon	1300	155	839	124	1046
253.perlbmk	1800	237	759	241	748
254.gap	1100	189	581	190	579
255.vortex	1900	249	764	239	796
256.bzip2	1500	374	401	354	423
300.twolf	3000	720	417	713	421



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)

```
 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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