CINT2000 Result

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Advanced Micro Devices

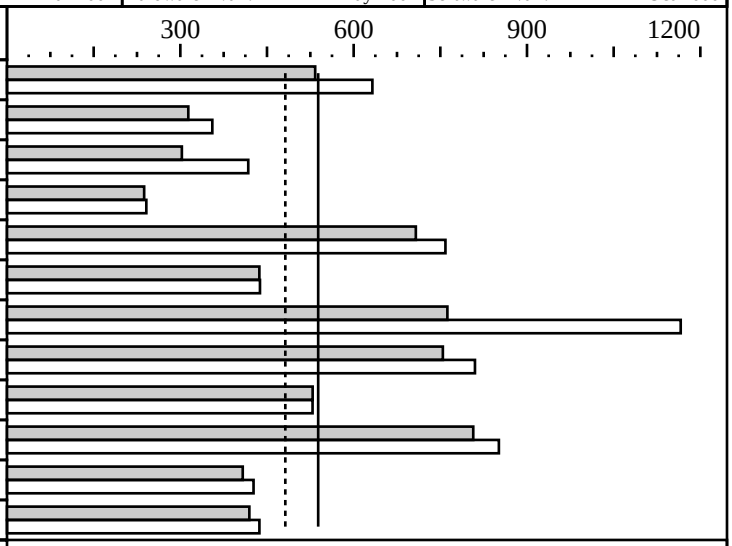
Gigabyte GA-7DX Motherboard, 1.33GHz Athlon Processor

SPECint2000 = 539

SPECint_base2000 = 482

SPEC license #: 49 | Tested by: AMD Austin TX | Test date: Mar-2001 | Hardware Avail: May-2001 | Software Avail: Oct-2000

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	262	533	221	632
175.vpr	1400	446	314	394	355
176.gcc	1100	363	303	263	418
181.mcf	1800	758	237	746	241
186.crafty	1000	141	708	132	759
197.parser	1800	412	437	411	438
252.eon	1300	171	762	111	1166
253.perlbmk	1800	239	754	222	810
254.gap	1100	208	529	208	529
255.vortex	1900	235	807	223	851
256.bzip2	1500	368	408	352	427
300.twolf	3000	715	419	687	437



Hardware

CPU:	1.33GHz AMD Athlon processor A1333AMS3C
CPU MHz:	1333
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip
CPU(s) orderable:	1
Parallel:	No
Primary Cache:	64KBI + 64KBD on chip
Secondary Cache:	256KB(I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	2x128MB PC2100 DDR SDRAM CL2
Disk Subsystem:	IBM DPTA-373420
Other Hardware:	None

Software

Operating System:	Windows 2000 SP1
Compiler:	Intel C 5.0 Microsoft Visual Studio 6.0 (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:   -QaxK -Qipo +FDO shlW32M.lib
Baseline C++: -QaxK -Qipo -GX -GR
Peak tuning:
164.gzip:     -Qxi -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:    -Qxi -QaxK -Qwp_ipo -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 300W power supply such as the Sparkle FSP300-60GT, and a PCI or AGP video card.
The System bus runs at 266MHz
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