CINT2000 Result

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Advanced Micro Devices

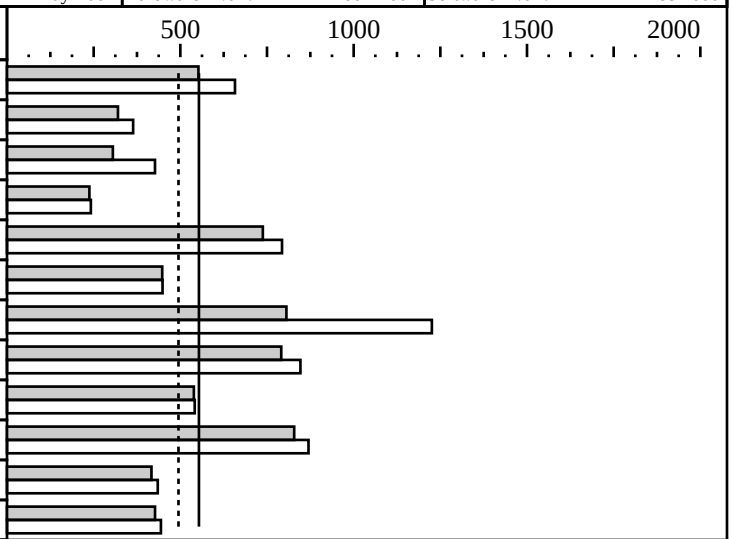
Gigabyte GA-7DX Motherboard, 1.4GHz Athlon Processor

SPECint2000 = 554

SPECint_base2000 = 495

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	254	552	213	658
175.vpr	1400	437	320	385	364
176.gcc	1100	360	305	258	427
181.mcf	1800	757	238	744	242
186.crafty	1000	136	738	126	793
197.parser	1800	402	448	401	449
252.eon	1300	161	806	106	1226
253.perlbmk	1800	228	791	213	846
254.gap	1100	204	539	203	542
255.vortex	1900	229	828	218	870
256.bzip2	1500	360	417	345	435
300.twolf	3000	703	427	676	444



Hardware

CPU:	1.4GHz AMD Athlon processor A1400AMS3C
CPU MHz:	1400
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 375020
Other Hardware:	None

Software

Operating System:	Windows 2000 SP1
Compiler:	Intel C/C++ 5.0 build 1120 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
```