CINT2000 Result

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Advanced Micro Devices

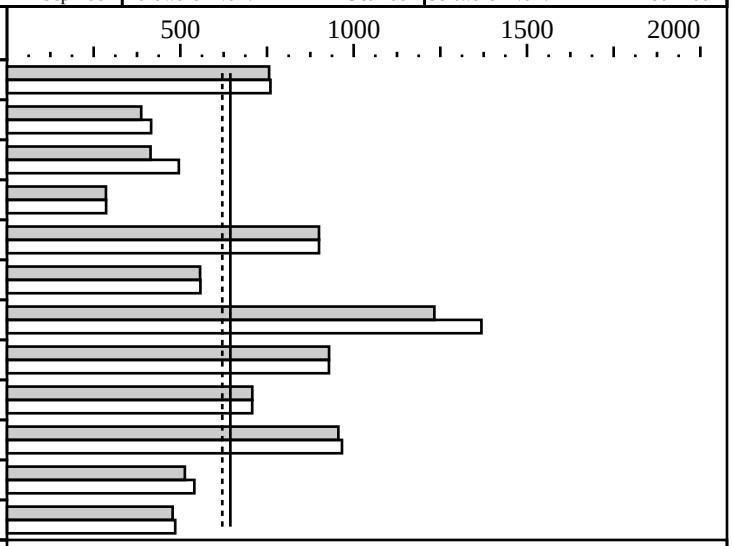
Gigabyte GA-7DX Motherboard, AMD Athlon (TM) XP 1800+

SPECint2000 = 644

SPECint_base2000 = 621

SPEC license #: 49 | Tested by: AMD Austin TX | Test date: Sep-2001 | Hardware Avail: Oct-2001 | Software Avail: Jul-2001

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	185	756	184	760
175.vpr	1400	362	387	337	416
176.gcc	1100	266	414	222	496
181.mcf	1800	631	285	630	286
186.crafty	1000	111	900	111	900
197.parser	1800	323	557	323	558
252.eon	1300	105	1233	95.0	1369
253.perlbmk	1800	194	929	194	929
254.gap	1100	155	708	156	707
255.vortex	1900	199	956	197	966
256.bzip2	1500	292	513	278	540
300.twolf	3000	628	478	618	485



Hardware

CPU:	AMD Athlon (TM) XP 1800+
CPU MHz:	1533
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-372020
Other Hardware:	None

Software

Operating System:	Windows 2000 SP1
Compiler:	Intel C/C++ 5.0.1 build 010525Z Microsoft Visual Studio 6.0 SP5 (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:   -QxK -Qipo +FDO shlW32M.lib
Baseline C++: -QxK -Qipo -GX -GR
Peak tuning:
164.gzip:     -O3 -QxK -Qwp_ipo -Oi- +FDO
175.vpr:      -O3 -Qxi -QaxK -Qwp_ipo +FDO
176.gcc:      -O3 -QxK -Qwp_ipo -Oi- +FDO shlW32M.lib
181.mcf:      -O3 -Qxi -QaxK -Qwp_ipo +FDO
186.crafty:   -O3 -QxK -Qwp_ipo -Oa +FDO shlW32M.lib
197.parser:   -O3 -Qxi -QaxK -Qwp_ipo +FDO
252.eon:      -O3 -QxiM -Qwp_ipo +FDO
253.perlbmk:  -QxK -Qipo +FDO shlW32M.lib
254.gap:      -O3 -QxK -Qipo -Oi- +FDO shlW32M.lib
255.vortex:   -O3 -QxK -Qwp_ipo +FDO shlW32M.lib
```

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Notes/Tuning Information (Continued)

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 256.bzip2:    -O3 -QxK -Oa -Qwp_ipo
 300.twolf:    -O3 -QxK -Qipo -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
```