CINT2000 Result

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Advanced Micro Devices

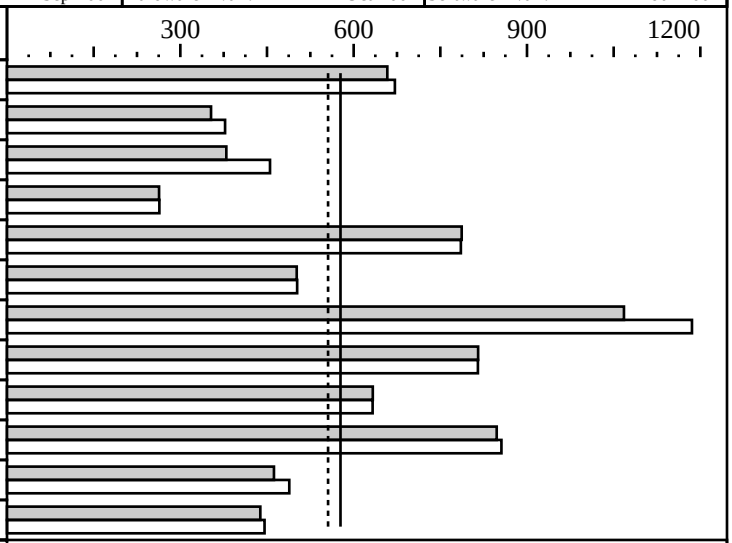
Gigabyte GA-7DX Motherboard, AMD Athlon (TM) XP 1500+

SPECint2000 = 577

SPECint_base2000 = 556

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	213	658	209	671
175.vpr	1400	396	353	371	377
176.gcc	1100	290	380	242	455
181.mcf	1800	684	263	683	264
186.crafty	1000	127	787	127	786
197.parser	1800	359	501	358	502
252.eon	1300	122	1068	110	1186
253.perlbmk	1800	221	815	221	815
254.gap	1100	174	633	174	633
255.vortex	1900	224	848	222	856
256.bzip2	1500	325	462	307	489
300.twolf	3000	684	438	673	446



Hardware

CPU:	AMD Athlon (TM) XP 1500+
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 Micron
Disk Subsystem:	IBM DPTA-372020
Other Hardware:	None

Software

Operating System:	Windows 2000 SP2
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:  -O3 -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)

```
 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
```