CINT2000 Result

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Advanced Micro Devices

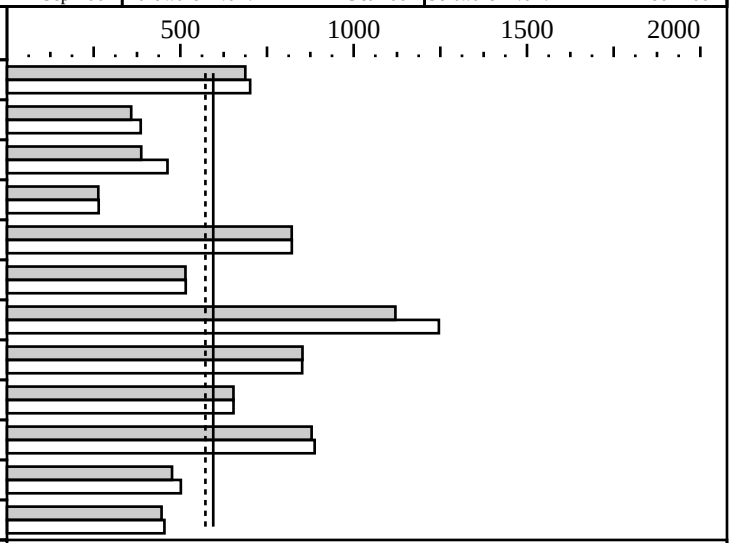
Gigabyte GA-7DX Motherboard, AMD Athlon (TM) XP 1600+

SPECint2000 = 595

SPECint_base2000 = 572

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	204	687	200	701
175.vpr	1400	391	358	363	386
176.gcc	1100	284	387	238	463
181.mcf	1800	683	263	681	264
186.crafty	1000	122	821	122	822
197.parser	1800	350	515	349	516
252.eon	1300	116	1120	104	1246
253.perlbmk	1800	211	852	211	851
254.gap	1100	168	653	168	653
255.vortex	1900	216	879	214	887
256.bzip2	1500	315	476	299	501
300.twolf	3000	673	446	661	454



Hardware

CPU:	AMD Athlon (TM) XP 1600+
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 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
```