CINT2000 Result

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Advanced Micro Devices

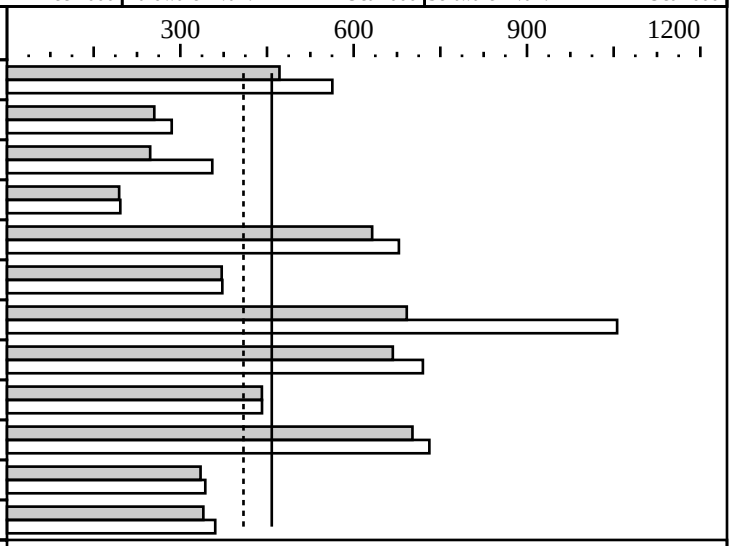
ASUS A7V Motherboard 1.2GHz Athlon processor

SPECint2000 = 458

SPECint_base2000 = 409

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	297	472	249	563
175.vpr	1400	549	255	491	285
176.gcc	1100	444	248	310	355
181.mcf	1800	927	194	918	196
186.crafty	1000	158	632	147	678
197.parser	1800	484	372	483	373
252.eon	1300	188	692	123	1056
253.perlbmk	1800	270	668	250	720
254.gap	1100	249	441	249	441
255.vortex	1900	271	702	260	731
256.bzip2	1500	448	335	437	343
300.twolf	3000	883	340	832	360



Hardware

CPU:	1.2GHz AMD Athlon processor A1200AMT3B
CPU MHz:	1200
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:	256MB PC133 SDRAM CL2
Disk Subsystem:	WDC WD153BA
Other Hardware:	Ethernet, NVidia Riva TNT2 Model 64

Software

Operating System:	Windows 2000
Compiler:	Intel C/C++ 5.0, Microsoft Visual Studio 6.0 (libraries) MicroQuill Smartheap Library 5.0
File System:	FAT32
System State:	Default

Notes/Tuning Information

```
+FDO: PASS1=-Qprof_gen  PASS2=-Qprof_use
Baseline C:     icl -QaxK -Qipo +FDO shlW32M.lib ONESTEP
Baseline C++:   icl -QaxK -Qipo -GX -GR ONESTEP
shlW32M.lib is the SmartHeap library V5.0 from MicroQuill www.microquill.com
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
Peak tuning:  ONESTEP plus
164.gzip:    -O3 -Qxi -Qipo -Oi- +FDO
175.vpr:     -O3 -Qxi -QaxK -Qwp_ipo +FDO
176.gcc:     -O3 -QxiM -QaxK -Qipo -Oi- +FDO shlW32M.lib
181.mcf:     -O3 -Qxi -QaxK -Qwp_ipo +FDO
186.crafty:  -O3 -Qxi -Qwp_ipo +FDO
197.parser:  -O3 -Qxi -QaxK -Qwp_ipo +FDO
252.eon:     -O3 -QxiM -Qwp_ipo +FDO
253.perlbmk: -O3 -QxiM -Qwp_ipo +FDO shlW32M.lib
254.gap:     -O3 -QaxK -Qwp_ipo +FDO shlW32M.lib
255.vortex:  -O3 -Qxi -QaxK -Qipo +FDO shlW32M.lib -Oa -Oi-
256.bzip2:   -O3 -Qxi -QaxK -Qwp_ipo -Oa +FDO
300.twolf:   -O3 -Qxi -QaxK -Qwp_ipo -Oa +FDO shlW32M.lib
```

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Notes/Tuning Information (Continued)

The tested system can be assembled using an ATX case such as the Antec KS-282 and a 300W power supply such as the Sparkle FSP300-60GT.