



CINT2000 Result

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Advanced Micro Devices

Epox 8KHA+ Motherboard, AMD Athlon (TM) XP 2600+

SPECint2000 = 839

SPECint_base2000 = 813

SPEC license #: 49 Tested by: AMD Austin, TX Test date: Aug-2002 Hardware Avail: Aug-2002 Software Avail: Feb-2002

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
164.gzip	1400	134	1048	133	1052	
175.vpr	1400	301	465	277	505	
176.gcc	1100	201	546	175	630	
181.mcf	1800	523	344	519	347	
186.crafty	1000	81.2	1232	81.1	1233	
197.parser	1800	245	734	245	735	
252.eon	1300	75.5	1722	68.2	1907	
253.perlbnk	1800	142	1265	142	1265	
254.gap	1100	118	932	118	933	
255.vortex	1900	142	1342	146	1302	
256.bzip2	1500	240	625	229	655	
300.twolf	3000	508	590	497	603	

Hardware

CPU: AMD Athlon (TM) XP 2600+
CPU MHz: 2133
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: 2x256MB PC2100 DDR SDRAM CL2
Disk Subsystem: Seagate ST320414A
Other Hardware: None

Software

Operating System: Windows 2000 SP2
Compiler: Intel C++ 5.0.1 build 020125Z
Microsoft Visual Studio 6.0 SP5 (libraries)
MicroQuill SmartHeap Library 5.0
File System: FAT32
System State: Default

Notes/Tuning Information

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.perlbnk: -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- -Oa +FDO
175.vpr: -O3 -Qxi -QaxK -Qwp_ipo +FDO
176.gcc: -O3 -QxK -Qwp_ipo -Oi- +FDO shlw32M.lib
181.mcf: -O3 -QxK -Qwp_ipo +FDO shlw32M.lib
186.crafty: -O3 -QxK -Qwp_ipo -Oa +FDO shlw32M.lib
197.parser: -O3 -QxK -Qwp_ipo +FDO
252.eon: -O3 -QxK -Qwp_ipo +FDO
253.perlbnk: -O3 -QxK -Qipo +FDO shlw32M.lib
254.gap: -O3 -QxK -Qipo -Oi- +FDO
255.vortex: -O3 -QxK -Qwp_ipo +FDO



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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