CINT2000 Result

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Advanced Micro Devices

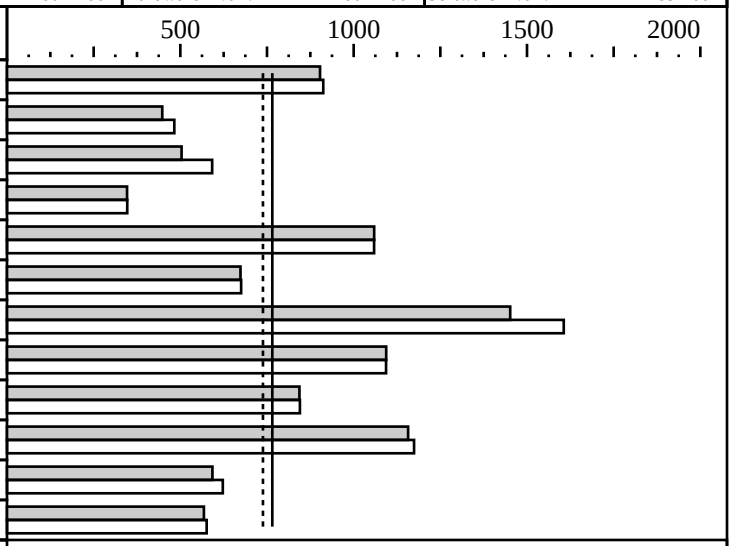
Epox 8KHA+ Motherboard, AMD Athlon (TM) XP 2200+

SPECint2000 = 765

SPECint_base2000 = 738

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	155	903	153	912
175.vpr	1400	313	448	290	483
176.gcc	1100	218	504	186	592
181.mcf	1800	520	346	519	347
186.crafty	1000	94.4	1059	94.4	1059
197.parser	1800	267	674	267	675
252.eon	1300	89.6	1452	80.9	1606
253.perlbmk	1800	165	1094	165	1093
254.gap	1100	130	844	130	845
255.vortex	1900	164	1157	162	1174
256.bzip2	1500	253	593	241	623
300.twolf	3000	528	568	521	576



Hardware

CPU:	AMD Athlon (TM) XP 2200+
CPU MHz:	1800
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:	IDE IBM DTLA-307030
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

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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- -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.perlbmk:  -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
```