CINT2000 Result

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Advanced Micro Devices

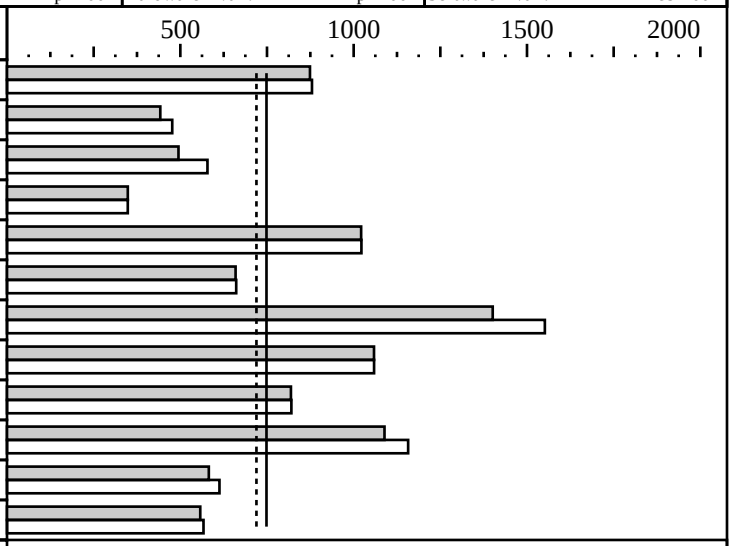
Epox 8KHA+ Motherboard, AMD Athlon (TM) XP 2100+

SPECint2000 = 749

SPECint_base2000 = 720

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	160	874	159	880
175.vpr	1400	317	442	294	477
176.gcc	1100	222	495	190	578
181.mcf	1800	517	348	517	348
186.crafty	1000	97.9	1022	97.8	1022
197.parser	1800	273	659	272	661
252.eon	1300	92.8	1401	83.8	1551
253.perlbmk	1800	170	1059	170	1059
254.gap	1100	134	819	134	820
255.vortex	1900	174	1089	164	1157
256.bzip2	1500	258	582	245	613
300.twolf	3000	538	557	529	567



Hardware

CPU:	AMD Athlon (TM) XP 2100+
CPU MHz:	1733
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 ST318451LW
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 400W power supply such as the Sparkle FSP400-60GN, and a PCI or AGP video card.
The System bus runs at 266MHz
```