CINT2000 Result

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Advanced Micro Devices

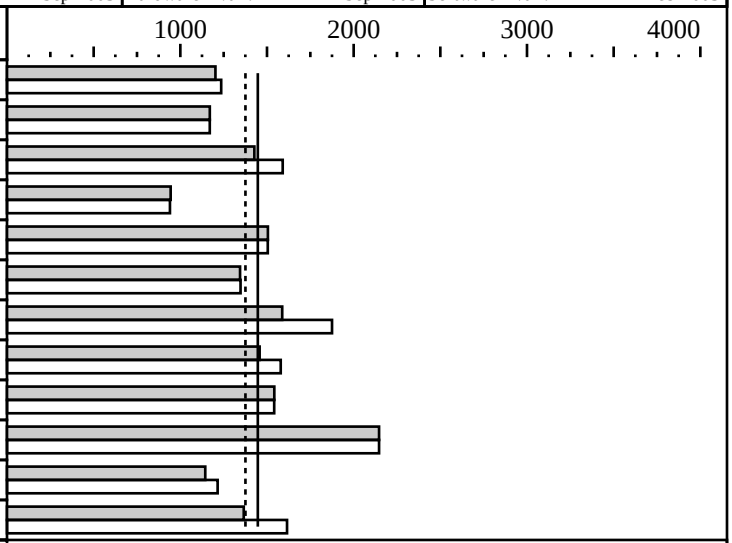
ASUS SK8N Motherboard, AMD Athlon (TM) FX-51

SPECint2000 = 1447

SPECint_base2000 = 1376

SPEC license #: 49 | Tested by: AMD, Austin, TX | Test date: Sep-2003 | Hardware Avail: Sep-2003 | Software Avail: Feb-2003

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	116	1203	113	1236
175.vpr	1400	120	1170	120	1170
176.gcc	1100	77.1	1427	69.2	1591
181.mcf	1800	191	944	191	940
186.crafty	1000	66.4	1505	66.5	1504
197.parser	1800	134	1345	134	1347
252.eon	1300	81.9	1588	69.3	1875
253.perlbmk	1800	124	1457	114	1579
254.gap	1100	71.3	1542	71.4	1542
255.vortex	1900	88.5	2147	88.5	2147
256.bzip2	1500	131	1144	123	1215
300.twolf	3000	220	1366	186	1616



Hardware

CPU:	AMD Athlon (TM) FX-51 ADAFX51CE5AK
CPU MHz:	2200
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:	1024KB(I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	2x512MB PC3200 DDR SDRAM CL2.5, ECC Registered
Disk Subsystem:	Western Digital WD360GD, SATA, 10k rpm
Other Hardware:	None

Software

Operating System:	Microsoft Windows XP Professional Service Pack 1.0a
Compiler:	Intel C/C++ 7.0 build 20021212Z Microsoft Visual Studio .NET 7.0.9466(For libraries) MicroQuill Smartheap Library 6.0
File System:	NTFS
System State:	Default

Notes/Tuning Information

```
shlW32M6.lib is the SmartHeap library V6.0 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:           +FD0 -O3 -QxW  -Qipo
Baseline C++:         +FD0           -Qipo -GX  -GR
Peak tuning:
  164.gzip:           +FD0 -O3 -QaxK -Qipo -Oi-
  175.vpr:            +FD0 -O3 -QxW  -Qipo
  176.gcc:            +FD0 -O3 -QxK  -Qipo -Oi-
  181.mcf:            +FD0           -Qipo -Oa
  186.crafty:         +FD0 -O3 -QxW  -Qipo
  197.parser:         +FD0 -O3 -QxW  -Qipo -Oa
  252.eon:            +FD0 -O3 -QaxW -Qipo -Zp4
  253.perlbmk:        +FD0 -O3       -Qipo -Oa  shlW32M6.lib
  254.gap:            +FD0 -O3 -QxW  -Qipo
  255.vortex:         basepeak=1
```

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Notes/Tuning Information (Continued)

```
   256.bzip2:           +FD0           -Qipo -Oa  -Qunroll1
   300.twolf:           +FD0     -Qxi  -Qipo      shlW32M6.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 460W power supply such as the Antec True 460
ECC disabled
```