CINT2000 Result

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Advanced Micro Devices

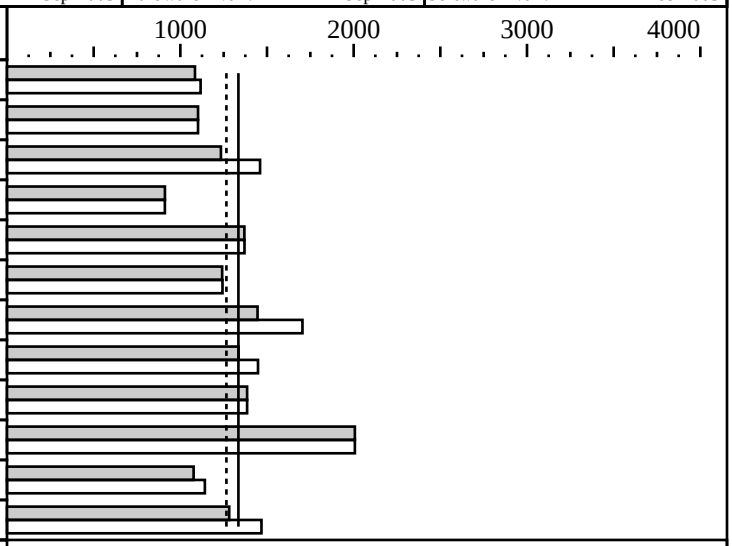
MSI K8 Neo (MS-6702) Motherboard, AMD Athlon (TM) 64 3200+

SPECint2000 = 1335

SPECint_base2000 = 1266

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	129	1084	125	1117
175.vpr	1400	127	1102	127	1102
176.gcc	1100	89.1	1234	75.3	1460
181.mcf	1800	198	911	198	911
186.crafty	1000	73.0	1370	73.0	1370
197.parser	1800	145	1241	145	1243
252.eon	1300	89.9	1445	76.3	1705
253.perlbmk	1800	135	1336	124	1448
254.gap	1100	79.4	1385	79.4	1385
255.vortex	1900	94.7	2007	94.7	2007
256.bzip2	1500	139	1077	131	1142
300.twolf	3000	234	1282	204	1468



Hardware

CPU:	AMD Athlon (TM) 64 ADA3200AEP5AP
CPU MHz:	2000
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 CL2.0
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 an Antec True 460, and a PCI or AGP video card.
BIOS set to "turbo mode"
```