CINT2000 Result

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Advanced Micro Devices

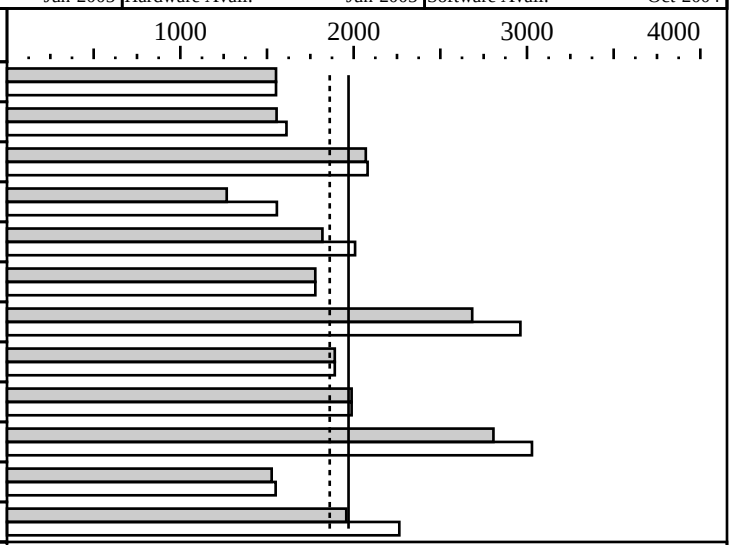
ASUS A8N-SLI Deluxe, AMD Athlon (TM) 64 FX-57

SPECint2000 = 1970

SPECint_base2000 = 1862

SPEC license #: 49 | Tested by: AMD, Austin, TX | Test date: Jun-2005 | Hardware Avail: Jun-2005 | Software Avail: Oct-2004

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	90.2	1552	90.2	1552
175.vpr	1400	90.0	1555	86.8	1612
176.gcc	1100	53.1	2070	52.9	2080
181.mcf	1800	142	1268	116	1557
186.crafty	1000	55.0	1820	49.8	2008
197.parser	1800	101	1779	101	1779
252.eon	1300	48.4	2684	43.9	2962
253.perlbmk	1800	95.2	1891	95.2	1891
254.gap	1100	55.3	1988	55.3	1988
255.vortex	1900	67.7	2806	62.7	3029
256.bzip2	1500	98.2	1527	96.8	1550
300.twolf	3000	153	1957	133	2263



Hardware

CPU:	AMD Athlon (TM) 64 FX-57
CPU MHz:	2800
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:	2x512 MB, PC3200 DDR SDRAM CL2.0
Disk Subsystem:	SATA, Western Digital WD740
Other Hardware:	None

Software

Operating System:	Microsoft Windows XP Pro SP2
Compiler:	Intel C++ 8.0 build 20040714Z Microsoft Visual Studio .NET 7.0.9466 (libraries) MicroQuill Smartheap Library 7.0
File System:	NTFS
System State:	Default

Notes/Tuning Information

```
shlW32M7.lib is the SmartHeap library V7.0 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:   -fast -arch:SSE2 -Oi- +FDO
Baseline C++: -fast -arch:SSE2 -GX -GR
Peak Tuning:
164.gzip:     basepeak=yes
175.vpr:      -fast -arch:SSE2 +FDO
              -Qoption,c,-ip_ninl_max_stats=2000,-ip_ninl_max_total_stats=4500
176.gcc:      -fast -arch:SSE2 +FDO -Oi- -Qunroll3
181.mcf:      -fast -QaxN      +FDO
186.crafty:   -fast -arch:SSE2 +FDO
197.parser:         -arch:SSE2 +FDO -Oi- -Qipo
252.eon:      -fast -arch:SSE2 +FDO -Qansi_alias
             -Qoption,c,-ip_ninl_max_stats=2000,-ip_ninl_max_total_stats=4500
253.perlbmk:  basepeak=yes
```

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Notes/Tuning Information (Continued)

```
 254.gap:      basepeak=yes
 255.vortex:   -fast -arch:SSE  +FDO -Oi- shlW32M7.lib
               -Qoption,c,-ip_ninl_max_stats=2000,-ip_ninl_max_total_stats=4500
 256.bzip2:    -fast                          -Qunroll2
 300.twolf:    -fast -arch:SSE2 +FDO          -Qunroll3 shlW32M7.lib -Qansi_alias
The tested system can be assembled using a standard ATX form factor, an Antec True 550
EPS12V power supply, and a PCI or PCIe graphics card.
Memory timings manually set in BIOS: CAS=2, TRCD=2, TRAS=5, TRP=2
Memory used is Corsair CMX512-3200XLPRO configured in dual channel mode.
BIOS version V6.00PG
```