CINT2000 Result

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ASUS Computer International

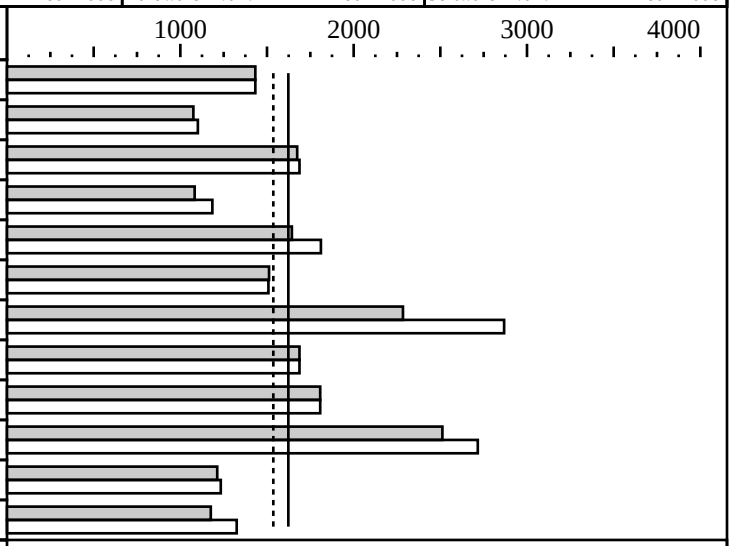
Asus M2N32-SLI Deluxe, AMD Athlon (TM) 64 5000+

SPECint2000 = 1623

SPECint_base2000 = 1536

SPEC license #: 13 | Tested by: Intel Corporation | Test date: Jul-2006 | Hardware Avail: Jun-2006 | Software Avail: Jun-2006

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	97.7	1433	97.7	1433
175.vpr	1400	130	1075	127	1101
176.gcc	1100	65.7	1674	65.2	1687
181.mcf	1800	166	1083	152	1185
186.crafty	1000	60.8	1644	55.2	1811
197.parser	1800	119	1512	119	1508
252.eon	1300	56.9	2284	45.3	2868
253.perlbmk	1800	107	1687	107	1687
254.gap	1100	60.9	1807	60.9	1807
255.vortex	1900	75.6	2512	70.0	2716
256.bzip2	1500	124	1213	122	1233
300.twolf	3000	255	1176	226	1325



Hardware

CPU:	AMD Athlon (TM) 64 5000+
CPU MHz:	2600
FPU:	Integrated
CPU(s) enabled:	2 cores, 1 chip, 2 cores/chip
CPU(s) orderable:	1
Parallel:	no
Primary Cache:	64KBI + 64KBD on chip, per core
Secondary Cache:	512KB (I+D) on chip, per core
L3 Cache:	N/A
Other Cache:	N/A
Memory:	2x1 GB, Corsair CM2X1024-8500C5 DDR2-1066 5-5-5-15
Disk Subsystem:	SATA, Western Digital WD740GD, 10000 rpm
Other Hardware:	None

Software

Operating System:	Microsoft Windows XP SP2
Compiler:	Intel C++ Compiler 8.0 Build 20040318Z for IA32 Microsoft Visual Studio .NET 7.0.9466 (libraries) MicroQuill Smartheap Library 8.0
File System:	NTFS
System State:	default

Notes/Tuning Information

```
shlW32M-80.lib is the SmartHeap library V8.0 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 -Qansi_alias +FDO
             -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  -Oi-
            -Qoption,c,-ip_ninl_max_stats=2000,-ip_ninl_max_total_stats=4500 +FDO shlW32M-80.lib
 256.bzip2:    -fast                          -Qunroll2
 300.twolf:    -fast -arch:SSE2 -Qunroll3 -Qansi_alias +FDO shlW32M-80.lib
The system under test can be built with an ATI X1900 XTX graphics card and
an ATX APE-300x power supply.
```