CINT2000 Result

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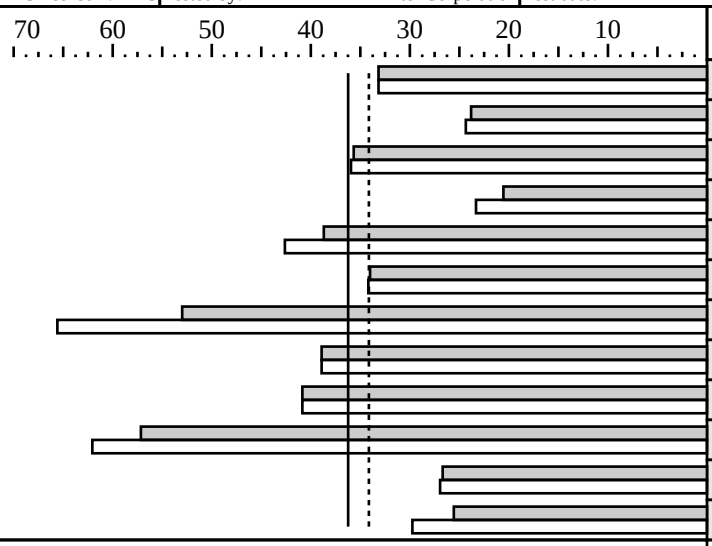
ASUS Computer International

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

SPECint_rate2000 = 36.2

SPECint_rate_base2000 = 34.1

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	2	97.9	33.2	2	97.9	33.2
175.vpr	2	136	23.8	2	133	24.3
176.gcc	2	71.5	35.7	2	71.0	35.9
181.mcf	2	203	20.6	2	179	23.3
186.crafty	2	60.0	38.7	2	54.4	42.6
197.parser	2	123	34.0	2	122	34.2
252.eon	2	56.9	53.0	2	46.0	65.6
253.perlbmk	2	107	38.9	2	107	38.9
254.gap	2	62.5	40.9	2	62.5	40.9
255.vortex	2	77.1	57.2	2	71.0	62.1
256.bzip2	2	130	26.7	2	129	26.9
300.twolf	2	272	25.6	2	234	29.7

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.
```