CINT2000 Result

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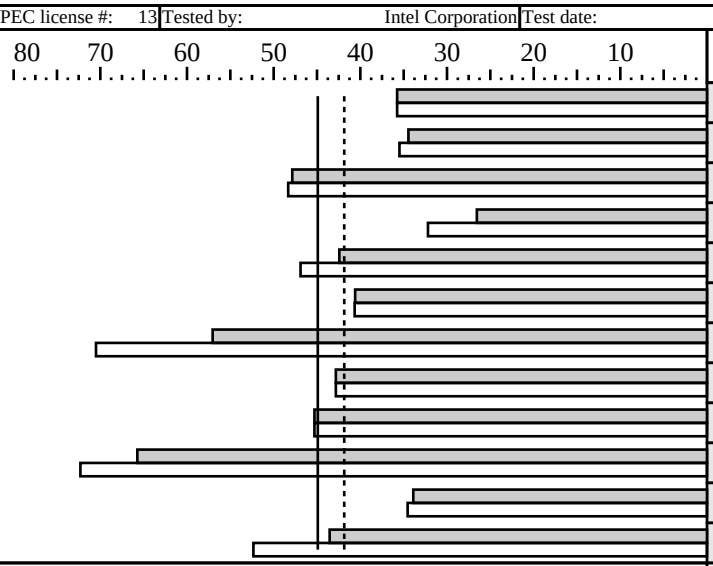
ASUS Computer International

Asus M2N32-SLI Deluxe, AMD Athlon (TM) 64 FX-62

SPECint_rate2000 = 44.9

SPECint_rate_base2000 = 41.9

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	90.8	35.8	2	90.8	35.8
175.vpr	2	94.3	34.5	2	91.5	35.5
176.gcc	2	53.3	47.9	2	52.8	48.3
181.mcf	2	157	26.6	2	130	32.2
186.crafty	2	54.7	42.4	2	49.5	46.9
197.parser	2	103	40.6	2	103	40.7
252.eon	2	52.9	57.0	2	42.8	70.5
253.perlbmk	2	97.5	42.8	2	97.5	42.8
254.gap	2	56.3	45.3	2	56.3	45.3
255.vortex	2	67.1	65.7	2	61.0	72.3
256.bzip2	2	103	33.9	2	101	34.5
300.twolf	2	160	43.5	2	133	52.3

Hardware

CPU:	AMD Athlon (TM) 64 FX-62
CPU MHz:	2800
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:	1MB (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.
```