CINT2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

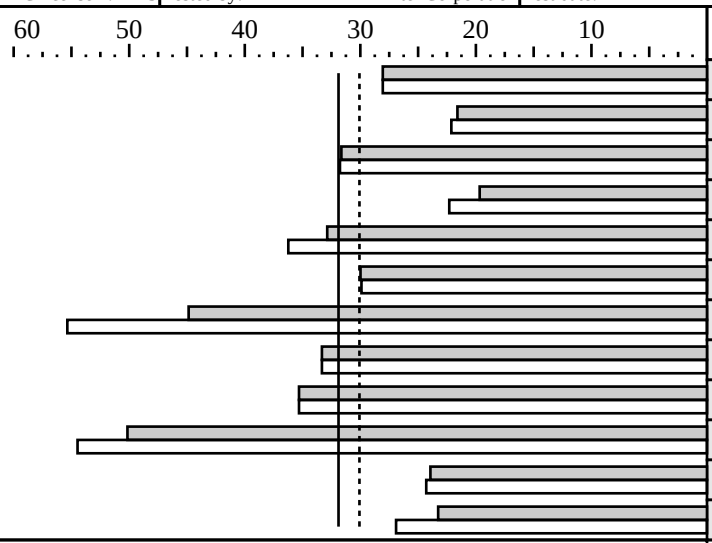
ASUS Computer International

Asus M2N32-SLI Deluxe, AMD Athlon (TM) 64 4200+

SPECint_rate2000 = 31.9

SPECint_rate_base2000 = 30.1

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	116	28.1	2	116	28.1
175.vpr	2	150	21.6	2	147	22.1
176.gcc	2	80.7	31.6	2	80.3	31.8
181.mcf	2	212	19.7	2	187	22.3
186.crafty	2	70.6	32.9	2	64.0	36.2
197.parser	2	139	30.0	2	140	29.9
252.eon	2	67.2	44.9	2	54.5	55.4
253.perlbmk	2	125	33.3	2	125	33.3
254.gap	2	72.3	35.3	2	72.3	35.3
255.vortex	2	87.9	50.2	2	80.9	54.5
256.bzip2	2	145	23.9	2	143	24.3
300.twolf	2	299	23.3	2	259	26.9

Hardware

CPU:	AMD Athlon (TM) 64 4200+
CPU MHz:	2200
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
```

Copyright ©1999-2005, Standard Performance Evaluation Corporation

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 X850 XT graphics card and
an ATX APE-300x power supply.
```