



CINT2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

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

SPECint2000 = 1421
SPECint_base2000 = 1345

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	115	1215	115	1215	
175.vpr	1400	144	970	141	993	
176.gcc	1100	75.4	1458	74.9	1468	
181.mcf	1800	177	1020	160	1126	
186.crafty	1000	71.8	1393	65.1	1536	
197.parser	1800	137	1313	137	1311	
252.eon	1300	67.1	1936	53.6	2424	
253.perlbmk	1800	125	1445	125	1445	
254.gap	1100	71.2	1546	71.2	1546	
255.vortex	1900	86.5	2197	79.9	2377	
256.bzip2	1500	139	1077	137	1095	
300.twolf	3000	282	1064	251	1197	

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



CINT2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

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

SPECint2000 = 1421
SPECint_base2000 = 1345

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

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.