ASUS Computer International
(AMD Athlon 64 FX-62)

SPECfp®2006 = Not Run
SPECfp_base2006 = 10.3

CPU2006 license: 13
Test sponsor: Intel Corporation
Test date: Aug-2006
Hardware Availability: Jul-2006
Tested by: Intel Corporation
Software Availability: Aug-2006

Hardware

CPU Name: AMD Athlon 64 FX-62
CPU Characteristics: 2.80 GHz, 2x1MB L2 per core
CPU MHz: 2800
FPU: Integrated
CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip
CPU(s) orderable: 1 chip
Primary Cache: 64 KB L1 + 64 KB D on chip per core
Secondary Cache: 1 MB I+D on chip per core

Software

Operating System: Windows XP Professional SP2 32-bit
Compiler: Intel C++ and Fortran Compiler 9.1 for IA32 Build 20060816Z
Microsoft Visual Studio .Net 2003 (for libraries)
SmartHeap Library Version 8.0 from http://www.microquill.com/
Auto Parallel: No
File System: NTFS
System State: Default
SPEC CFP2006 Result

ASUS Computer International
(Test Sponsor: Intel Corporation)
Asus M2N32-SLI Deluxe
(AMD Athlon 64 FX-62)

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L3 Cache: None
Other Cache: None
Memory: 2 GB (2 1GB Corsair TWIN2X2048-8500C5 DDR2 1066 CL5-5-5)
Disk Subsystem: Maxtor DiamondMax 10 6B300S0 300GB NCQ Serial ATA
(7200 RPM, 16MB cache)
Other Hardware: None

Base Pointers: 32-bit
Peak Pointers: Not Applicable
Other Software: None

Results Table

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</table>

Results appear in the order in which they were run. Bold underlined text indicates a median measurement.

General Notes

Memory timings set manually to DDR2-800 5-5-5-15 in the bios
The SUT was built with a discrete PCIe graphics card (ATI Radeon X1900 XTX)
and an ATX 550W power supply. The 2 DIMMs were configured in dual-channel mode.

Base Compiler Invocation

C benchmarks:
  icl -Qvc7.1 -Qc99

C++ benchmarks:
  icl -Qvc7.1
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Base Compiler Invocation (Continued)

Fortran benchmarks:
ifort

Benchmarks using both Fortran and C:
icl -Qvc7.1 -Qc99 ifort

Base Portability Flags

436.cactusADM: -Qlowercase /assume:underscore
        -TP
444.namd: -DDEAL_II_MEMBER_VAR_SPECIALIZATION_BUG
                -DBOOST_NO_INTRINSIC_WCHAR_T
447.dealII: -DDEAL_II_MEMBER_VAR_SPECIALIZATION_BUG
                -DBOOST_NO_INTRINSIC_WCHAR_T
453.povray: -DSPEC_CPU_WINDOWS_ICL
454.calculix: -DSPEC_CPU_NOZMODIFIER -Qlowercase
481.wrf: -DSPEC_CPU_WINDOWS_ICL

Base Optimization Flags

C benchmarks:
-arch:SSE2 -Qprec-div- -O3 -Qipo /F9500000000 shlw32m.lib
    -link /FORCE:MULTIPLE

C++ benchmarks:
-arch:SSE2 -Qprec-div- -O3 -Qipo -Oi -Qcxx_features /F9500000000
    shlw32m.lib -link /FORCE:MULTIPLE

Fortran benchmarks:
-arch:SSE2 -Qprec-div- -O3 -Qipo -Oi /F9500000000
    -link /FORCE:MULTIPLE

Benchmarks using both Fortran and C:
-arch:SSE2 -Qprec-div- -O3 -Qipo -Oi /F9500000000
    -link /FORCE:MULTIPLE

The flags file that was used to format this result can be browsed at
http://www.spec.org/cpu2006/flags/Intel-ic91-flags.20090715.03.html

You can also download the XML flags source by saving the following link:
http://www.spec.org/cpu2006/flags/Intel-ic91-flags.20090715.03.xml
# SPEC CFP2006 Result

**ASUS Computer International**
(Test Sponsor: Intel Corporation)

**Asus M2N32-SLI Deluxe**
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For questions about this result, please contact the tester.  
For other inquiries, please contact webmaster@spec.org.

Tested with SPEC CPU2006 v1.0.  
Originally published on 19 September 2006.