SPEC® CFP2006 Result

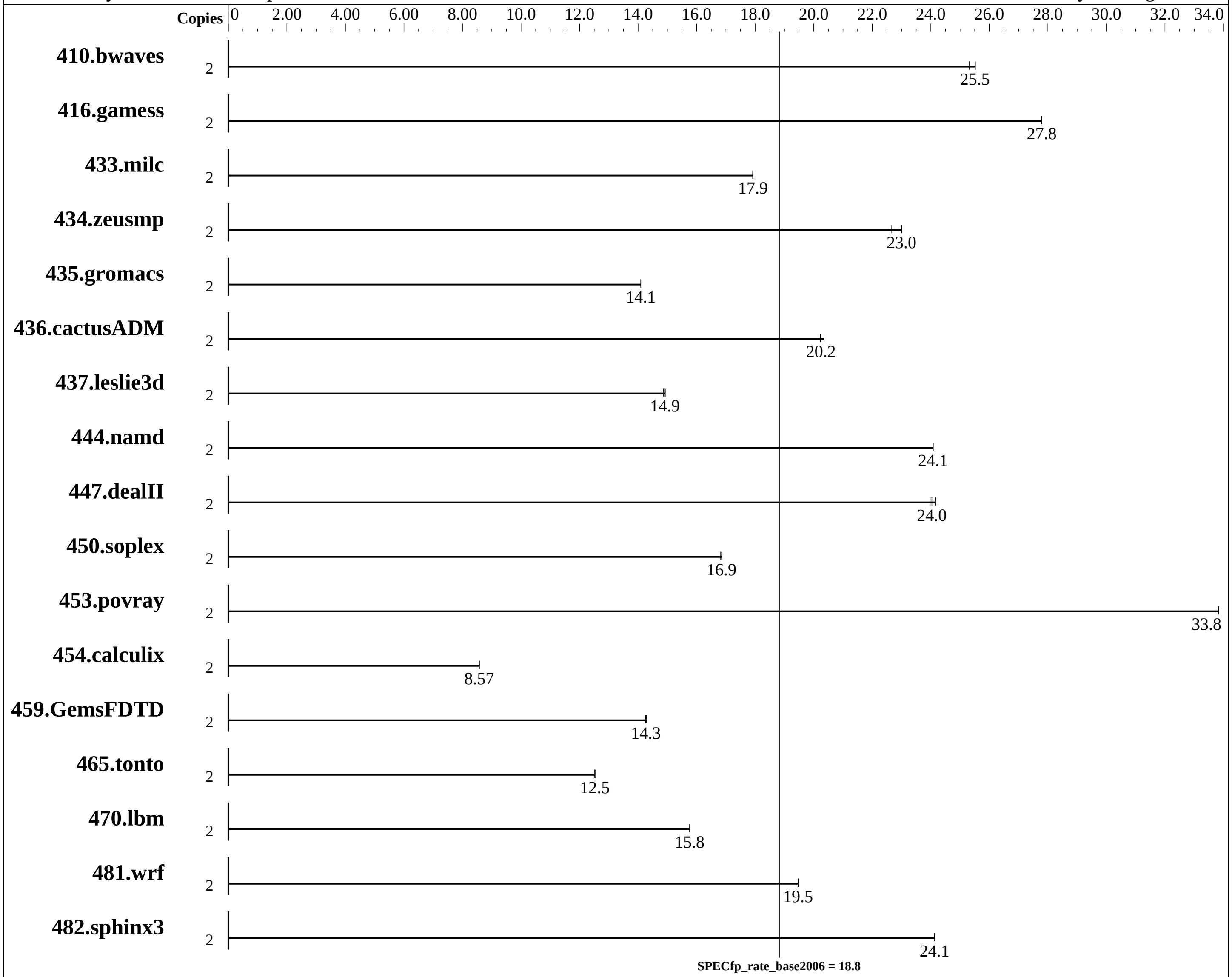
ASUS Computer International
(Test Sponsor: Intel Corporation)

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

SPECfp®_rate2006 = Not Run

SPECfp_rate_base2006 = 18.8

CPU2006 license:	13	**Test date:**	Aug-2006
Test sponsor:	Intel Corporation	**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 I + 64 KB D on chip per core
Secondary Cache:	1 MB I+D on chip per core

Continued on next page

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

Continued on next page

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

SPECfp_rate2006 = Not Run
SPECfp_rate_base2006 = 18.8

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

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

	Base							Peak						
Benchmark	**Copies**	**Seconds**	**Ratio**	**Seconds**	**Ratio**	**Seconds**	**Ratio**	**Copies**	**Seconds**	**Ratio**	**Seconds**	**Ratio**	**Seconds**	**Ratio**
410.bwaves	2	1073	25.3	1065	25.5	**1066**	**25.5**							
416.gamess	2	1409	27.8	**1409**	**27.8**	1409	27.8							
433.milc	2	1025	17.9	1024	17.9	**1024**	**17.9**							
434.zeusmp	2	**791**	**23.0**	791	23.0	803	22.7							
435.gromacs	2	1013	14.1	1013	14.1	**1013**	**14.1**							
436.cactusADM	2	1174	20.3	**1180**	**20.2**	1181	20.2							
437.leslie3d	2	**1260**	**14.9**	1259	14.9	1264	14.9							
444.namd	2	**666**	**24.1**	666	24.1	666	24.1							
447.dealII	2	**952**	**24.0**	947	24.2	953	24.0							
450.soplex	2	989	16.9	**990**	**16.9**	992	16.8							
453.povray	2	**315**	**33.8**	314	33.8	315	33.8							
454.calculix	2	**1925**	**8.57**	1925	8.57	1924	8.58							
459.GemsFDTD	2	1489	14.3	1486	14.3	**1487**	**14.3**							
465.tonto	2	1571	12.5	1573	12.5	**1571**	**12.5**							
470.lbm	2	**1743**	**15.8**	1743	15.8	1744	15.8							
481.wrf	2	1148	19.5	**1148**	**19.5**	1148	19.5							
482.sphinx3	2	1616	24.1	**1615**	**24.1**	1615	24.1							

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
```

Continued on next page

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
444.namd: -TP
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 /F950000000 shlw32m.lib -link /FORCE:MULTIPLE

C++ benchmarks:
-arch:SSE2 -Qprec-div- -O3 -Qipo -Oi- -Qcxx_features /F950000000 shlw32m.lib -link /FORCE:MULTIPLE

Fortran benchmarks:
-arch:SSE2 -Qprec-div- -O3 -Qipo -Oi- /F950000000 -link /FORCE:MULTIPLE

Benchmarks using both Fortran and C:
-arch:SSE2 -Qprec-div- -O3 -Qipo -Oi- /F950000000 -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

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

SPECfp_rate2006 = Not Run
SPECfp_rate_base2006 = 18.8

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

For questions about this result, please contact the tester.
For other inquiries, please contact webmaster@spec.org.

Tested with SPEC CPU2006 v1.0.
Report generated on Tue Jul 22 09:56:32 2014 by SPEC CPU2006 PS/PDF formatter v6932.
Originally published on 19 September 2006.