SPEC® CFP2006 Result
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ASUS Computer International
(Test Sponsor: Intel Corporation)

$SPECfp®\_rate2006 =$ Not Run

ASUS Lamborghini (Intel Core 2 Duo T7400)

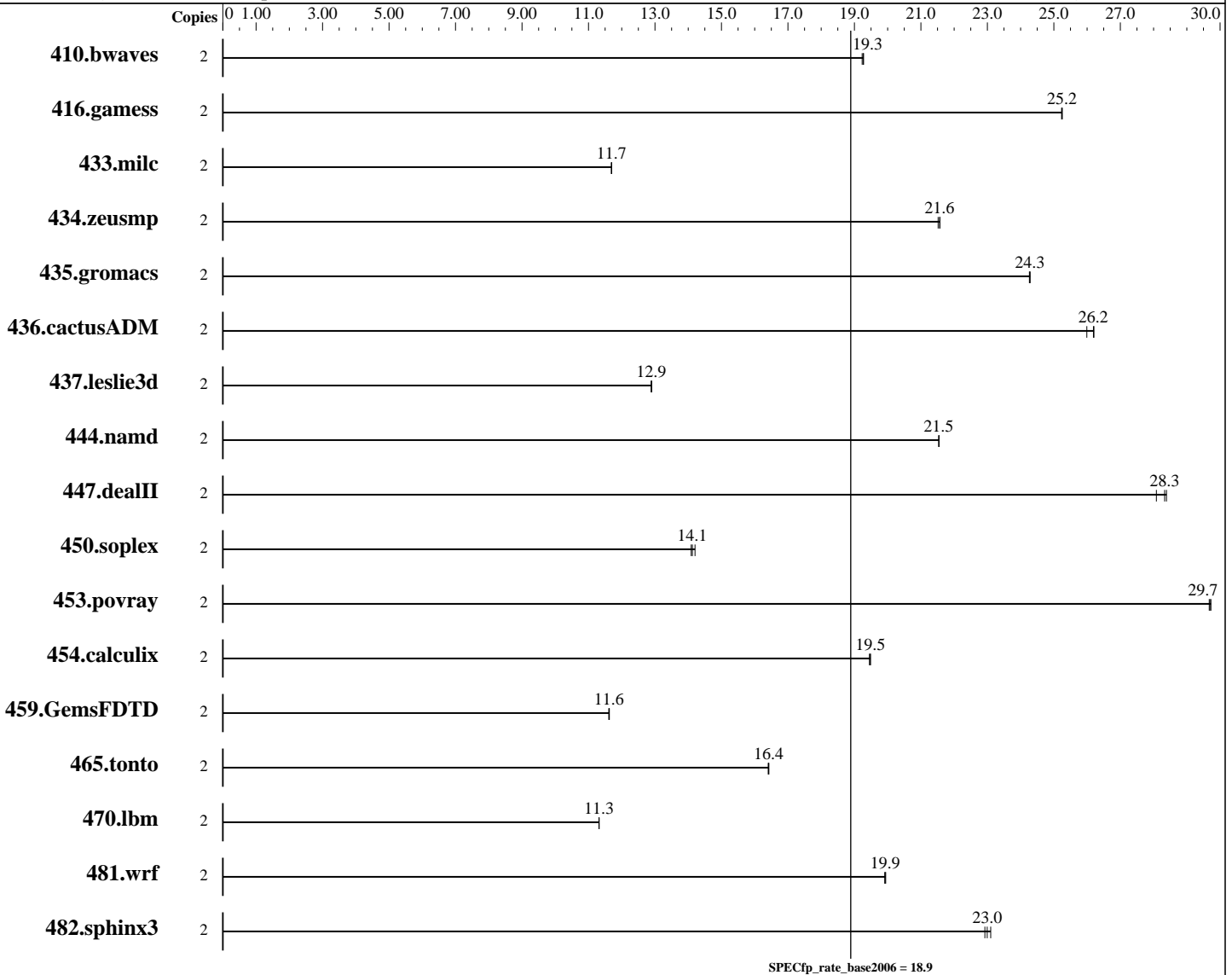$SPECfp\_rate\_base2006 =$ 18.9

CPU2006 license: 13
Test sponsor: Intel Corporation
Tested by: Intel Corporation

Test date: Jun-2007
Hardware Availability: Jun-2007
Software Availability: Feb-2007

Benchmark	Copies	Result
410.bwaves	2	19.3
416.gamess	2	25.2
433.milc	2	11.7
434.zeusmp	2	21.6
435.gromacs	2	24.3
436.cactusADM	2	26.2
437.leslie3d	2	12.9
444.namd	2	21.5
447.dealII	2	28.3
450.soplex	2	14.1
453.povray	2	29.7
454.calculix	2	19.5
459.GemsFDTD	2	11.6
465.tonto	2	16.4
470.lbm	2	11.3
481.wrf	2	19.9
482.sphinx3	2	23.0

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Hardware
CPU Name: Intel Core 2 Duo T7400
CPU Characteristics: 2.16 GHz 4 MB L2
CPU MHz: 2167
FPU: Integrated
CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip
CPU(s) orderable: 1 chip
Primary Cache: 32 KB I + 32 KB D on chip per core
Secondary Cache: 4 MB I+D on chip per chip
Continued on next page

Software
Operating System: Windows Vista32 Business
Compiler: Intel C++ Compiler for IA32 version 9.1
Build no 20060816
Intel Fortran Compiler for IA32 version 9.1
Build no 20060816
Microsoft Visual Studio .Net 2003 (for libraries)
Auto Parallel: No
File System: NTFS
System State: Default
Continued on next page

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L3 Cache:	None	Base Pointers:	32-bit
Other Cache:	None	Peak Pointers:	Not Applicable
Memory:	2 GB (2x1GB Nanya DDR2-667 CL5)	Other Software:	SmartHeap Library Version 8.0 from
Disk Subsystem:	Hitachi 160GB 5400rpm SATA HDD		http://www.microquill.com/
Other Hardware:	None		

Results Table

Benchmark	Copies	Base Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Copies	Peak Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
410.bwaves	2	**1411**	**19.3**	1410	19.3	1413	19.2							
416.gamess	2	1551	25.3	1552	25.2	**1551**	**25.2**							
433.milc	2	1571	11.7	1570	11.7	**1570**	**11.7**							
434.zeusmp	2	844	21.6	**844**	**21.6**	846	21.5							
435.gromacs	2	588	24.3	**588**	**24.3**	589	24.3							
436.cactusADM	2	912	26.2	**913**	**26.2**	920	26.0							
437.leslie3d	2	1457	12.9	**1458**	**12.9**	1459	12.9							
444.namd	2	744	21.5	**745**	**21.5**	745	21.5							
447.dealII	2	815	28.1	806	28.4	**808**	**28.3**							
450.soplex	2	1174	14.2	**1181**	**14.1**	1184	14.1							
453.povray	2	358	29.7	359	29.7	**358**	**29.7**							
454.calculix	2	**847**	**19.5**	847	19.5	848	19.5							
459.GemsFDTD	2	1825	11.6	**1826**	**11.6**	1828	11.6							
465.tonto	2	1198	16.4	**1199**	**16.4**	1200	16.4							
470.lbm	2	2428	11.3	2429	11.3	**2428**	**11.3**							
481.wrf	2	1120	19.9	1122	19.9	**1121**	**19.9**							
482.sphinx3	2	**1695**	**23.0**	1700	22.9	1687	23.1							

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

General Notes

    Binaries built on Windows XP Professional w/ SP2
    Vista Power Profile set to High Performance

Base Compiler Invocation

C benchmarks:
```
icl -Qvc7.1 -Qc99
```

C++ benchmarks:
```
icl -Qvc7.1
```

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Test sponsor: Intel Corporation		**Hardware Availability:**	Jun-2007
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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
       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:
```
-fast /F950000000 shlw32m.lib          -link /FORCE:MULTIPLE
```

C++ benchmarks:
```
-fast -Qcxx_features /F950000000 shlw32m.lib
          -link /FORCE:MULTIPLE
```

Fortran benchmarks:
```
-fast /F950000000          -link /FORCE:MULTIPLE
```

Benchmarks using both Fortran and C:
```
-fast /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-ia32-flags.20090714.html

You can also download the XML flags source by saving the following link:
http://www.spec.org/cpu2006/flags/Intel-ic91-ia32-flags.20090714.xml

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