# SPEC® CFP2006 Result

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## ASUS Computer International

(Test Sponsor: Intel Corporation)

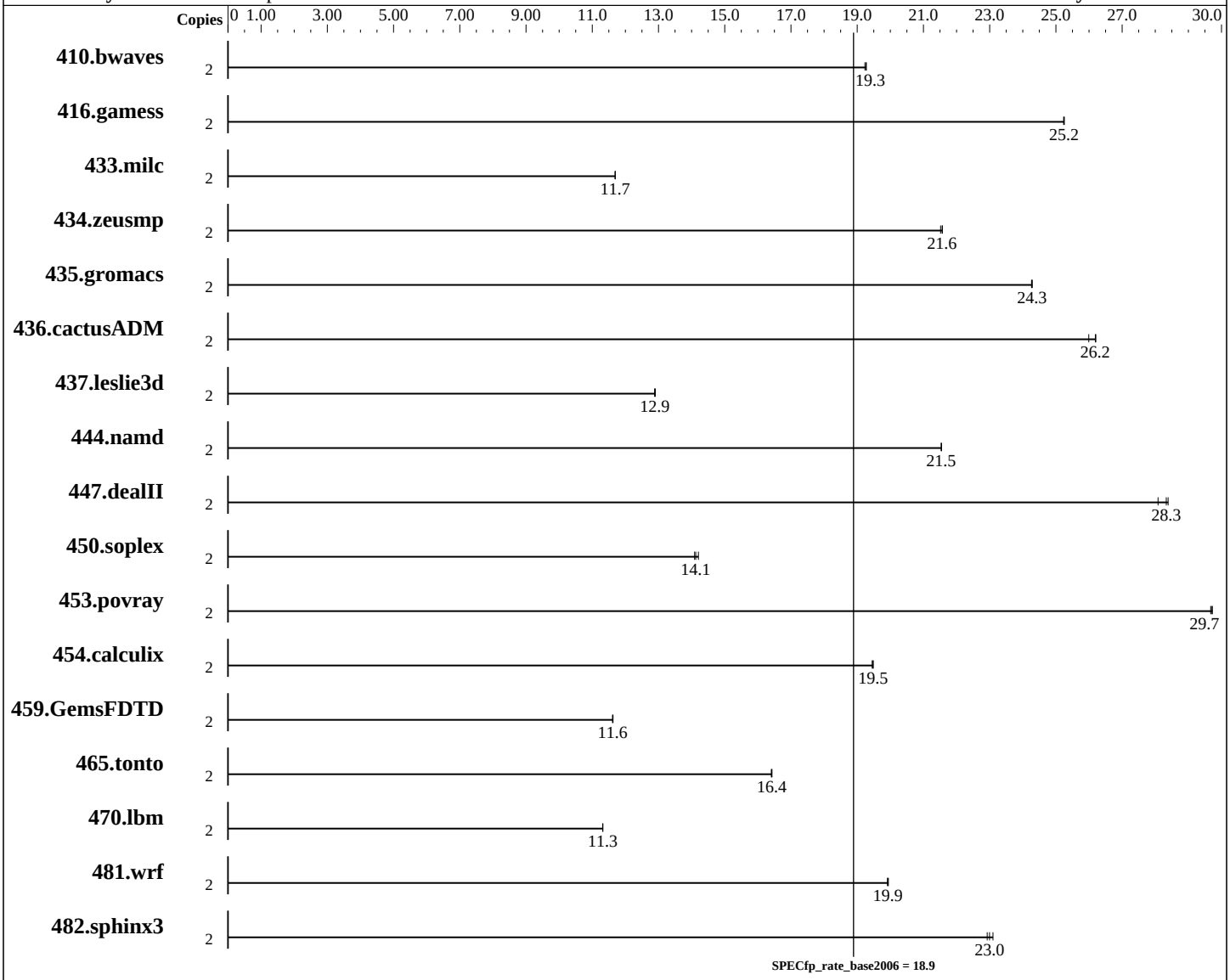
## ASUS Lamborghini (Intel Core 2 Duo T7400)

SPECfp®_rate2006 = Not Run

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




## 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 |

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## Software

| | |
|---|---|
| Operating System: | Windows Vista32 Business |
| Compiler: | Intel C++ Compiler for IA32 version 9.1 Build no 20060816<br>Intel Fortran Compiler for IA32 version 9.1 Build no 20060816<br>Microsoft Visual Studio .Net 2003 (for libraries) |
| Auto Parallel: | No |
| File System: | NTFS |
| System State: | Default |

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L3 Cache: None
Other Cache: None
Memory: 2 GB (2x1GB Nanya DDR2-667 CL5)
Disk Subsystem: Hitachi 160GB 5400rpm SATA HDD
Other Hardware: None

Base Pointers: 32-bit
Peak Pointers: Not Applicable
Other Software: SmartHeap Library Version 8.0 from http://www.microquill.com/

## Results Table

| Benchmark | Base | | | | | | | Peak | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Copies | Seconds | Ratio | Seconds | Ratio | Seconds | Ratio | Copies | 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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## 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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For questions about this result, please contact the tester.
For other inquiries, please contact webmaster@spec.org.

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