# SPEC® CFP2006 Result

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## ASUS Computer International

(Test Sponsor: Intel Corporation)

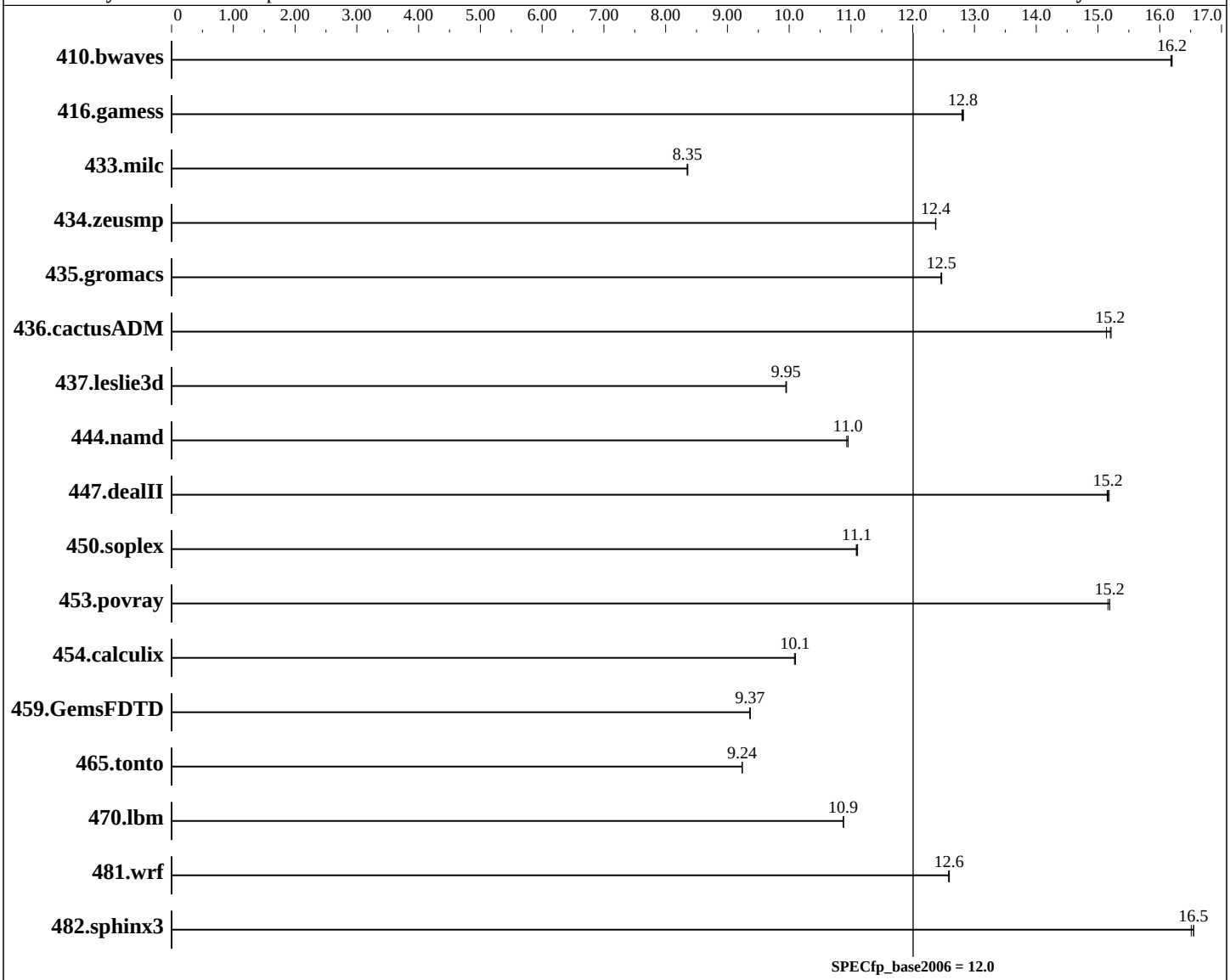
## ASUS Lamborghini (Intel Core 2 Duo T7400)

SPECfp®2006 = Not Run

SPECfp_base2006 = 12.0

**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 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Seconds | Ratio | Seconds | Ratio | Seconds | Ratio | Seconds | Ratio | Seconds | Ratio | Seconds | Ratio |
| 410.bwaves | **839** | **16.2** | 839 | 16.2 | 840 | 16.2 | | | | | | |
| 416.gamess | 1527 | 12.8 | 1530 | 12.8 | **1528** | **12.8** | | | | | | |
| 433.milc | 1098 | 8.36 | **1099** | **8.35** | 1099 | 8.35 | | | | | | |
| 434.zeusmp | 735 | 12.4 | 736 | 12.4 | **735** | **12.4** | | | | | | |
| 435.gromacs | **573** | **12.5** | 573 | 12.5 | 573 | 12.5 | | | | | | |
| 436.cactusADM | **786** | **15.2** | 786 | 15.2 | 789 | 15.1 | | | | | | |
| 437.leslie3d | 944 | 9.96 | 945 | 9.95 | **945** | **9.95** | | | | | | |
| 444.namd | 732 | 11.0 | **732** | **11.0** | 734 | 10.9 | | | | | | |
| 447.dealII | **755** | **15.2** | 755 | 15.1 | 754 | 15.2 | | | | | | |
| 450.soplex | 752 | 11.1 | 751 | 11.1 | **752** | **11.1** | | | | | | |
| 453.povray | 351 | 15.2 | 350 | 15.2 | **350** | **15.2** | | | | | | |
| 454.calculix | **817** | **10.1** | 817 | 10.1 | 818 | 10.1 | | | | | | |
| 459.GemsFDTD | 1133 | 9.37 | **1133** | **9.37** | 1133 | 9.37 | | | | | | |
| 465.tonto | **1065** | **9.24** | 1065 | 9.24 | 1065 | 9.24 | | | | | | |
| 470.lbm | **1263** | **10.9** | 1263 | 10.9 | 1264 | 10.9 | | | | | | |
| 481.wrf | **887** | **12.6** | 887 | 12.6 | 888 | 12.6 | | | | | | |
| 482.sphinx3 | 1181 | 16.5 | **1178** | **16.5** | 1178 | 16.5 | | | | | | |

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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