## SPEC® CFP2006 Result

Intel Corporation

Intel DG965WH motherboard
(2.13 GHz, Intel Core 2 Duo processor E6400)

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

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### Hardware

<table>
<thead>
<tr>
<th>Test</th>
<th>Time (s)</th>
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<tbody>
<tr>
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<tr>
<td>416.gamess</td>
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<td>435.gromacs</td>
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<tr>
<td>436.cactusADM</td>
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<td>19.8</td>
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<td>459.GemsFDTD</td>
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<tr>
<td>481.wrf</td>
<td>22.5</td>
</tr>
<tr>
<td>482.sphinx3</td>
<td>25.7</td>
</tr>
</tbody>
</table>

### Operating System:
Windows XP Professional w/ SP2

### Compiler:
Intel C++ and Fortran Compiler for IA32 version 9.1
Build no 20060816

### File System:
NTFS

### System State:
Default

### Base Pointers:
32-bit

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### Software

<table>
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**SPECfp®_rate2006 = Not Run**

**SPECfp_rate_base2006 = 21.3**
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SPEC CFP2006 Result

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Test date: Jan-2007
Hardware Availability: Aug-2006
Software Availability: Aug-2006

L3 Cache: None
Other Cache: None
Memory: 2 GB (2 1GB Micron MT16HTF12864AY-80ED4 DDR2 800, CL5)
Disk Subsystem: Maxtor DiamondMax 10 6B300S0 300GB NCQ Serial ATA
(7200 RPM, 16MB cache)
Other Hardware: SoundBlaster Live! PCI card
Peak Pointers: Not Applicable
Other Software: SmartHeap Library Version 8.0 from http://www.microquill.com/

Results Table

<table>
<thead>
<tr>
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Results appear in the order in which they were run. Bold underlined text indicates a median measurement.

General Notes

Tested systems can be used with Shin-G ATX case, Antec NeoPower 480W power supply
Product description located as of 1/2007:
The system bus runs at 1066 MHz
System was configured with Single nVidia Quad SLI Geforce 7950 GX2

Base Compiler Invocation

C benchmarks:
icl -Qvc7.1 -Qc99

Continued on next page

Standard Performance Evaluation Corporation
info@spec.org
http://www.spec.org/
**Intel Corporation**

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**SPEC CFP2006 Result**

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- **Hardware Availability:** Aug-2006
- **Tested by:** Intel Corporation  
- **Software Availability:** Aug-2006

### Base Compiler Invocation (Continued)

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

- **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  
  - Qlowercase

- 481.wrf: -DSPEC_CPU_WINDOWS_ICL

### Base Optimization Flags

- **C benchmarks:**  
  - -fast /F9500000000 shlw32m.lib  
  - -link /FORCE:MULTIPLE

- **C++ benchmarks:**  
  - -fast -Qcxx_features /F9500000000 shlw32m.lib  
  - -link /FORCE:MULTIPLE

- **Fortran benchmarks:**  
  - -fast /F9500000000  
  - -link /FORCE:MULTIPLE

- **Benchmarks using both Fortran and C:**  
  - -fast /F9500000000  
  - -link /FORCE:MULTIPLE

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The flags file that was used to format this result can be browsed at  
http://www.spec.org/cpu2006/flags/Intel-ic91-flags.20090715.06.html

You can also download the XML flags source by saving the following link:  
http://www.spec.org/cpu2006/flags/Intel-ic91-flags.20090715.06.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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