



# SPEC® CFP2006 Result

Copyright 2006-2014 Standard Performance Evaluation Corporation

Lenovo Group Limited

(Test Sponsor: Intel Corporation)

SPECfp®\_rate2006 = Not Run

Lenovo ThinkPad T43(Intel Core Duo T2400)

SPECfp\_rate\_base2006 = 14.2

CPU2006 license: 13

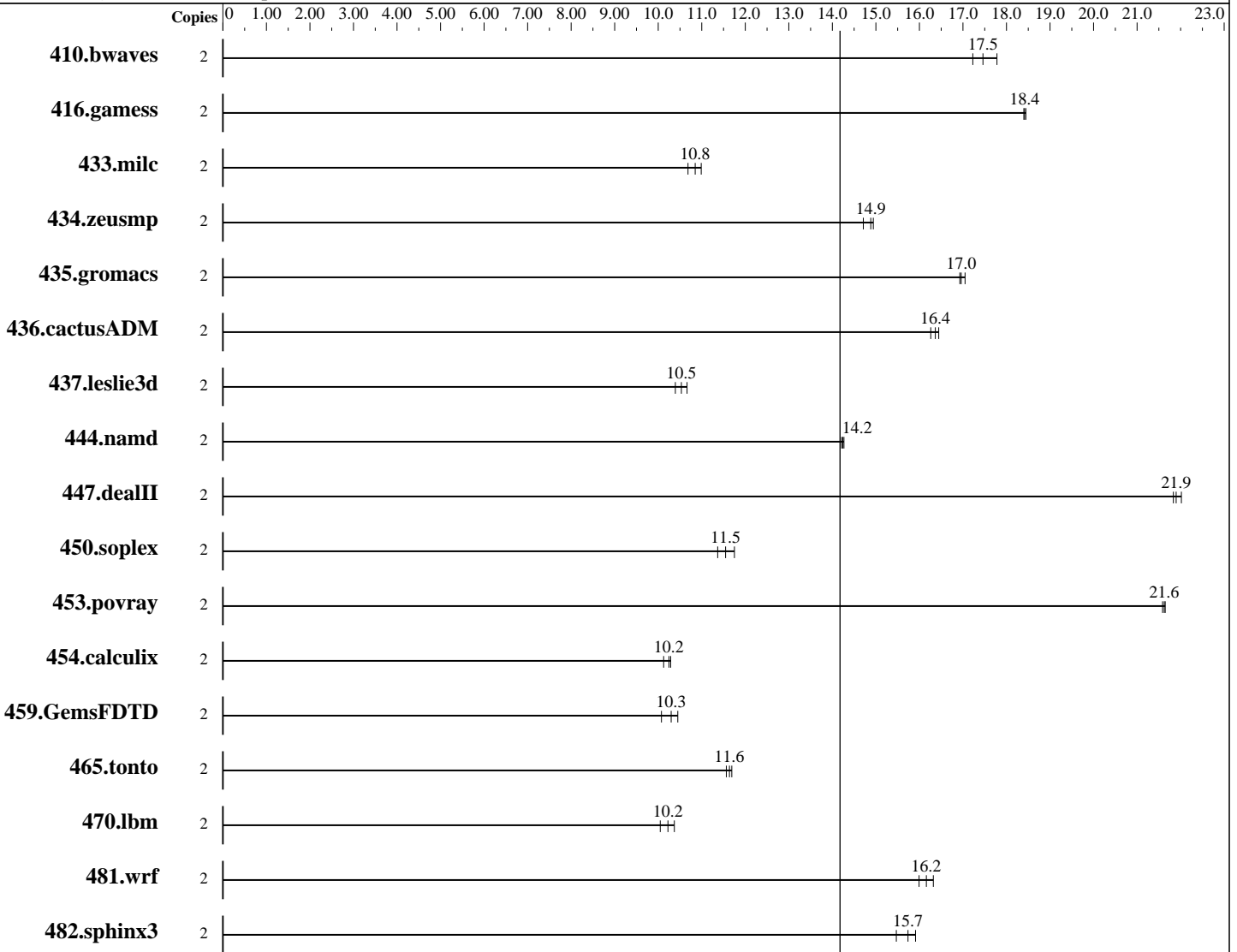
Test sponsor: Intel Corporation

Tested by: Intel Corporation

Test date: Jun-2007

Hardware Availability: Jun-2007

Software Availability: Feb-2007



SPECfp\_rate\_base2006 = 14.2

### Hardware

CPU Name: Intel Core Duo T2400  
 CPU Characteristics: 1.83 GHz 2MB L2  
 CPU MHz: 1833  
 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: 2 MB I+D on chip per chip

Continued on next page

### Software

Operating System: Windows XP Professional w/ SP2  
 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



# SPEC CFP2006 Result

Copyright 2006-2014 Standard Performance Evaluation Corporation

Lenovo Group Limited

(Test Sponsor: Intel Corporation)

SPECfp\_rate2006 = Not Run

Lenovo ThinkPad T43(Intel Core Duo T2400)

SPECfp\_rate\_base2006 = 14.2

CPU2006 license: 13

Test sponsor: Intel Corporation

Tested by: Intel Corporation

Test date: Jun-2007

Hardware Availability: Jun-2007

Software Availability: Feb-2007

L3 Cache: None  
Other Cache: None  
Memory: 2 GB (2x1 GB Qimonda\* PC-5300 DDR2-667 5-5-5-12)  
Disk Subsystem: Hitachi\* HTS721010G9 SATA 100GB 7200RPM  
Other Hardware: None

Base Pointers: 32-bit  
Peak Pointers: Not Applicable  
Other Software: SmartHeap library V7.4 from Microquill

## Results Table

Benchmark	Base								Peak							
	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio		
410.bwaves	2	1578	17.2	<u>1557</u>	<u>17.5</u>	1529	17.8									
416.gamess	2	2123	18.4	2128	18.4	<u>2126</u>	<u>18.4</u>									
433.milc	2	1718	10.7	<u>1692</u>	<u>10.8</u>	1671	11.0									
434.zeusmp	2	1237	14.7	<u>1223</u>	<u>14.9</u>	1218	14.9									
435.gromacs	2	844	16.9	<u>842</u>	<u>17.0</u>	838	17.0									
436.cactusADM	2	1470	16.3	<u>1460</u>	<u>16.4</u>	1453	16.4									
437.leslie3d	2	1809	10.4	<u>1785</u>	<u>10.5</u>	1763	10.7									
444.namd	2	1129	14.2	<u>1127</u>	<u>14.2</u>	1124	14.3									
447.dealII	2	1048	21.8	<u>1045</u>	<u>21.9</u>	1039	22.0									
450.soplex	2	1468	11.4	<u>1444</u>	<u>11.5</u>	1420	11.8									
453.povray	2	493	21.6	<u>492</u>	<u>21.6</u>	492	21.6									
454.calculix	2	1630	10.1	<u>1610</u>	<u>10.2</u>	1604	10.3									
459.GemsFDTD	2	2106	10.1	<u>2061</u>	<u>10.3</u>	2031	10.4									
465.tonto	2	1702	11.6	<u>1691</u>	<u>11.6</u>	1683	11.7									
470.lbm	2	2735	10.0	<u>2688</u>	<u>10.2</u>	2650	10.4									
481.wrf	2	1397	16.0	<u>1382</u>	<u>16.2</u>	1369	16.3									
482.sphinx3	2	2520	15.5	<u>2477</u>	<u>15.7</u>	2450	15.9									

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  
XP Power Profile set to AC/High Performance

## Base Compiler Invocation

C benchmarks:  
icl -Qvc7.1 -Qc99

C++ benchmarks:  
icl -Qvc7.1

Continued on next page



# SPEC CFP2006 Result

Copyright 2006-2014 Standard Performance Evaluation Corporation

Lenovo Group Limited

(Test Sponsor: Intel Corporation)

SPECfp\_rate2006 = Not Run

Lenovo ThinkPad T43(Intel Core Duo T2400)

SPECfp\_rate\_base2006 = 14.2

CPU2006 license: 13

Test sponsor: Intel Corporation

Tested by: Intel Corporation

Test date: Jun-2007

Hardware Availability: Jun-2007

Software Availability: Feb-2007

## 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.20090714.00.html>

You can also download the XML flags source by saving the following link:

<http://www.spec.org/cpu2006/flags/Intel-ic91-ia32-flags.20090714.00.xml>



# SPEC CFP2006 Result

Copyright 2006-2014 Standard Performance Evaluation Corporation

**Lenovo Group Limited**

(Test Sponsor: Intel Corporation)

**SPECfp\_rate2006 = Not Run**

**Lenovo ThinkPad T43(Intel Core Duo T2400)**

**SPECfp\_rate\_base2006 = 14.2**

**CPU2006 license:** 13

**Test sponsor:** Intel Corporation

**Tested by:** Intel Corporation

**Test date:** Jun-2007

**Hardware Availability:** Jun-2007

**Software Availability:** Feb-2007

SPEC and SPECfp are registered trademarks of the Standard Performance Evaluation Corporation. All other brand and product names appearing in this result are trademarks or registered trademarks of their respective holders.

For questions about this result, please contact the tester.  
For other inquiries, please contact [webmaster@spec.org](mailto:webmaster@spec.org).

Tested with SPEC CPU2006 v1.0.  
Report generated on Tue Jul 22 12:21:31 2014 by SPEC CPU2006 PS/PDF formatter v6932.  
Originally published on 21 August 2007.