



SPEC[®] CFP2006 Result

Copyright 2006-2014 Standard Performance Evaluation Corporation

Lenovo Group Limited

(Test Sponsor: Intel Corporation)

SPECfp[®]_rate2006 = Not Run

Lenovo ThinkPad T61(Intel Core 2 Duo T7700)

SPECfp_rate_base2006 = 21.1

CPU2006 license: 13

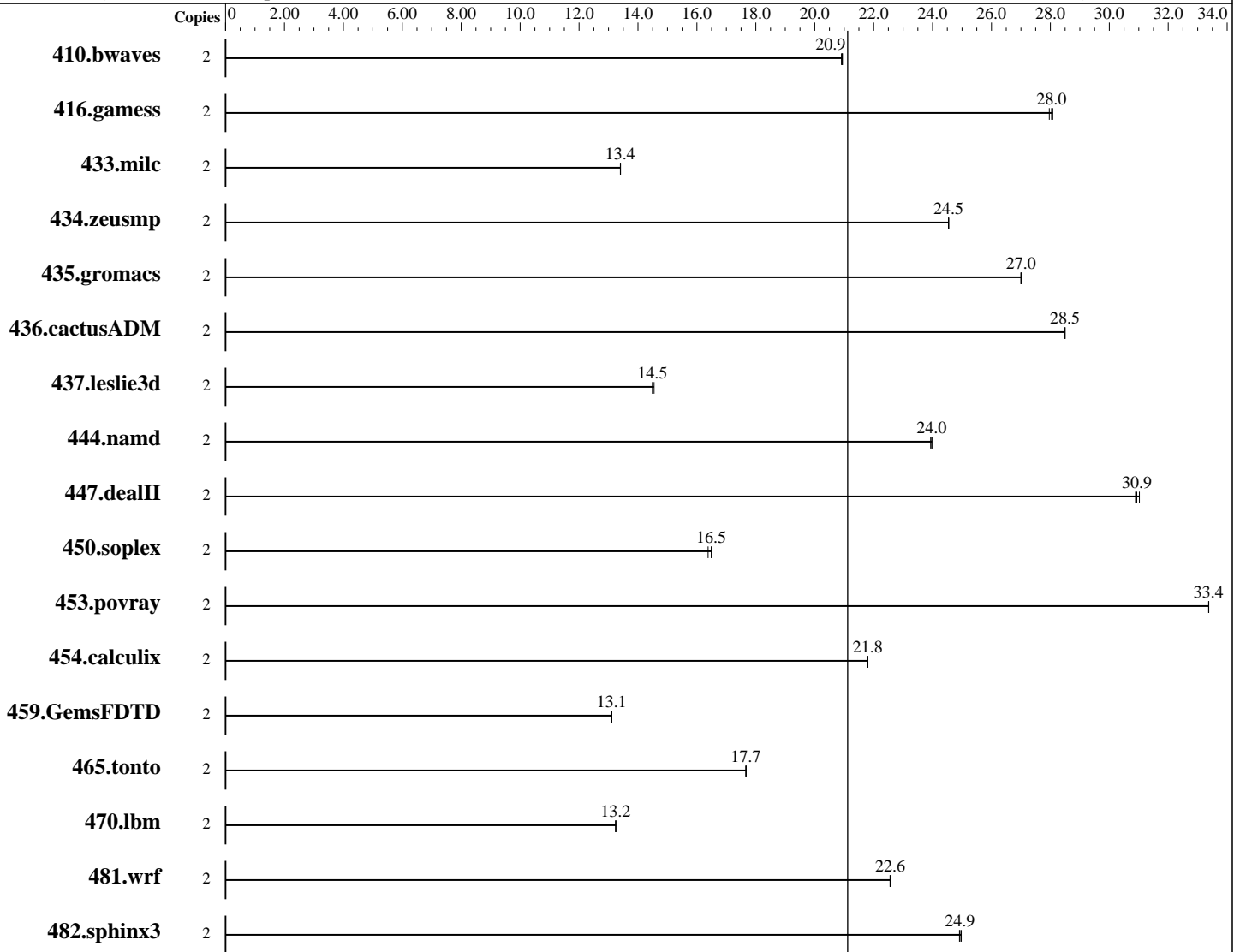
Test sponsor: Intel Corporation

Tested by: Intel Corporation

Test date: Jun-2007

Hardware Availability: Jun-2007

Software Availability: Feb-2007



SPECfp_rate_base2006 = 21.1

Hardware

CPU Name: Intel Core 2 Duo T7700
 CPU Characteristics: 2.40 GHz, 4MB L2, 800 MHz Bus
 CPU MHz: 2400
 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 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 T61(Intel Core 2 Duo T7700)

SPECfp_rate_base2006 = 21.1

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 (2x1GB 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	<u>1298</u>	<u>20.9</u>	1298	20.9	1300	20.9							
416.gamess	2	1400	28.0	1395	28.1	<u>1397</u>	<u>28.0</u>							
433.milc	2	1370	13.4	<u>1370</u>	<u>13.4</u>	1369	13.4							
434.zeusmp	2	741	24.6	<u>742</u>	<u>24.5</u>	742	24.5							
435.gromacs	2	529	27.0	529	27.0	<u>529</u>	<u>27.0</u>							
436.cactusADM	2	839	28.5	840	28.5	<u>839</u>	<u>28.5</u>							
437.leslie3d	2	<u>1297</u>	<u>14.5</u>	1292	14.5	1297	14.5							
444.namd	2	<u>669</u>	<u>24.0</u>	669	24.0	670	23.9							
447.dealII	2	738	31.0	741	30.9	<u>740</u>	<u>30.9</u>							
450.soplex	2	<u>1012</u>	<u>16.5</u>	1018	16.4	1011	16.5							
453.povray	2	319	33.4	<u>319</u>	<u>33.4</u>	319	33.4							
454.calculix	2	757	21.8	757	21.8	<u>757</u>	<u>21.8</u>							
459.GemsFDTD	2	<u>1619</u>	<u>13.1</u>	1619	13.1	1619	13.1							
465.tonto	2	1114	17.7	1114	17.7	<u>1114</u>	<u>17.7</u>							
470.lbm	2	<u>2075</u>	<u>13.2</u>	2075	13.2	2074	13.2							
481.wrf	2	<u>990</u>	<u>22.6</u>	990	22.6	990	22.6							
482.sphinx3	2	1561	25.0	1565	24.9	<u>1564</u>	<u>24.9</u>							

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 T61(Intel Core 2 Duo T7700)

SPECfp_rate_base2006 = 21.1

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 T61(Intel Core 2 Duo T7700)

SPECfp_rate_base2006 = 21.1

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.

Tested with SPEC CPU2006 v1.0.
Report generated on Tue Jul 22 12:23:28 2014 by SPEC CPU2006 PS/PDF formatter v6932.
Originally published on 21 August 2007.