SPEC® CFP2006 Result

Copyright 2006-2014 Standard Performance Evaluation Corporation

Lenovo Group Limited

(Test Sponsor: Intel Corporation)

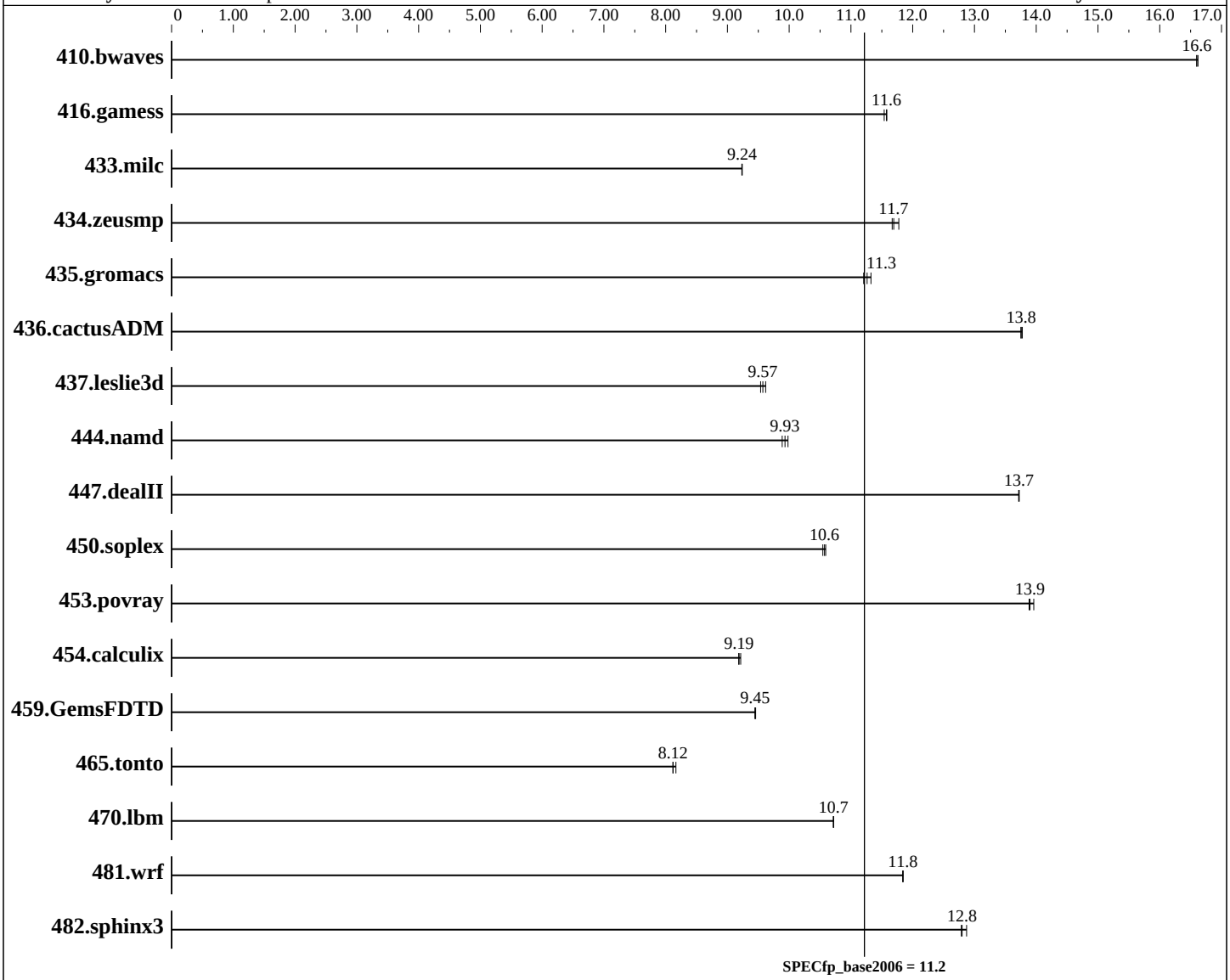
Lenovo ThinkPad T61(Intel Core 2 Duo T7100)

SPECfp®2006 = Not Run

SPECfp_base2006 = 11.2

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 T7100
CPU Characteristics:	1.80 GHz, 2MB L2, 800 MHz Bus
CPU MHz:	1800
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)

Lenovo ThinkPad T61(Intel Core 2 Duo T7100)

SPECfp2006 = Not Run

SPECfp_base2006 = 11.2

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 (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					
	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
410.bwaves	819	16.6	818	16.6	**819**	**16.6**						
416.gamess	**1692**	**11.6**	1691	11.6	1697	11.5						
433.milc	994	9.23	994	9.24	**994**	**9.24**						
434.zeusmp	**778**	**11.7**	773	11.8	780	11.7						
435.gromacs	631	11.3	**634**	**11.3**	637	11.2						
436.cactusADM	868	13.8	**869**	**13.8**	869	13.8						
437.leslie3d	986	9.54	977	9.62	**982**	**9.57**						
444.namd	**807**	**9.93**	804	9.98	811	9.89						
447.dealII	834	13.7	**834**	**13.7**	834	13.7						
450.soplex	**789**	**10.6**	787	10.6	791	10.5						
453.povray	383	13.9	**383**	**13.9**	381	14.0						
454.calculix	895	9.21	**898**	**9.19**	898	9.18						
459.GemsFDTD	1122	9.46	1123	9.45	**1123**	**9.45**						
465.tonto	1212	8.12	**1212**	**8.12**	1205	8.17						
470.lbm	1282	10.7	**1282**	**10.7**	1282	10.7						
481.wrf	**943**	**11.8**	944	11.8	943	11.8						
482.sphinx3	1514	12.9	**1523**	**12.8**	1524	12.8						

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

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 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 12:27:47 2014 by SPEC CPU2006 PS/PDF formatter v6932.
Originally published on 21 August 2007.