SPEC® CFP2006 Result

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Lenovo Group Limited

(Test Sponsor: Intel Corporation)

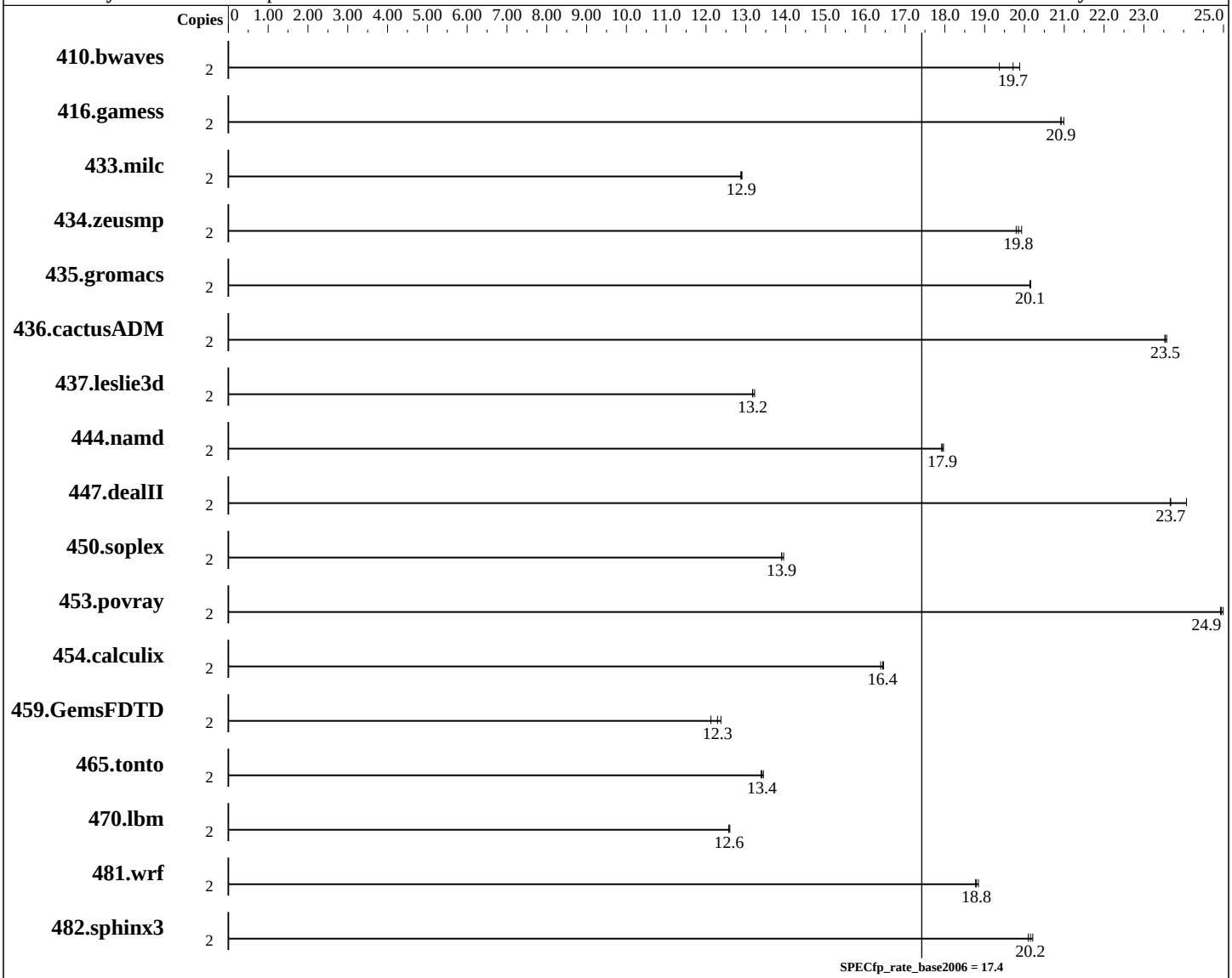
Lenovo ThinkPad T61(Intel Core 2 Duo T7100)

SPECfp®_rate2006 = Not Run

SPECfp_rate_base2006 = 17.4

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

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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

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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	**1379**	**19.7**	1367	19.9	1403	19.4							
416.gamess	2	1866	21.0	**1872**	**20.9**	1872	20.9							
433.milc	2	1423	12.9	**1424**	**12.9**	1426	12.9							
434.zeusmp	2	913	19.9	920	19.8	**917**	**19.8**							
435.gromacs	2	**709**	**20.1**	708	20.2	709	20.1							
436.cactusADM	2	1014	23.6	**1015**	**23.5**	1016	23.5							
437.leslie3d	2	**1427**	**13.2**	1422	13.2	1427	13.2							
444.namd	2	893	18.0	**894**	**17.9**	895	17.9							
447.dealII	2	**966**	**23.7**	951	24.1	967	23.7							
450.soplex	2	1196	14.0	1200	13.9	**1200**	**13.9**							
453.povray	2	426	25.0	**427**	**24.9**	427	24.9							
454.calculix	2	1002	16.5	**1004**	**16.4**	1007	16.4							
459.GemsFDTD	2	1715	12.4	**1727**	**12.3**	1750	12.1							
465.tonto	2	1464	13.4	1470	13.4	**1468**	**13.4**							
470.lbm	2	2181	12.6	**2185**	**12.6**	2186	12.6							
481.wrf	2	1186	18.8	**1189**	**18.8**	1190	18.8							
482.sphinx3	2	1929	20.2	**1934**	**20.2**	1940	20.1							

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
```

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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.20090714.00.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

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Tested with SPEC CPU2006 v1.0.
Report generated on Tue Jul 22 12:23:31 2014 by SPEC CPU2006 PS/PDF formatter v6932.
Originally published on 21 August 2007.