SPEC® CFP2006 Result

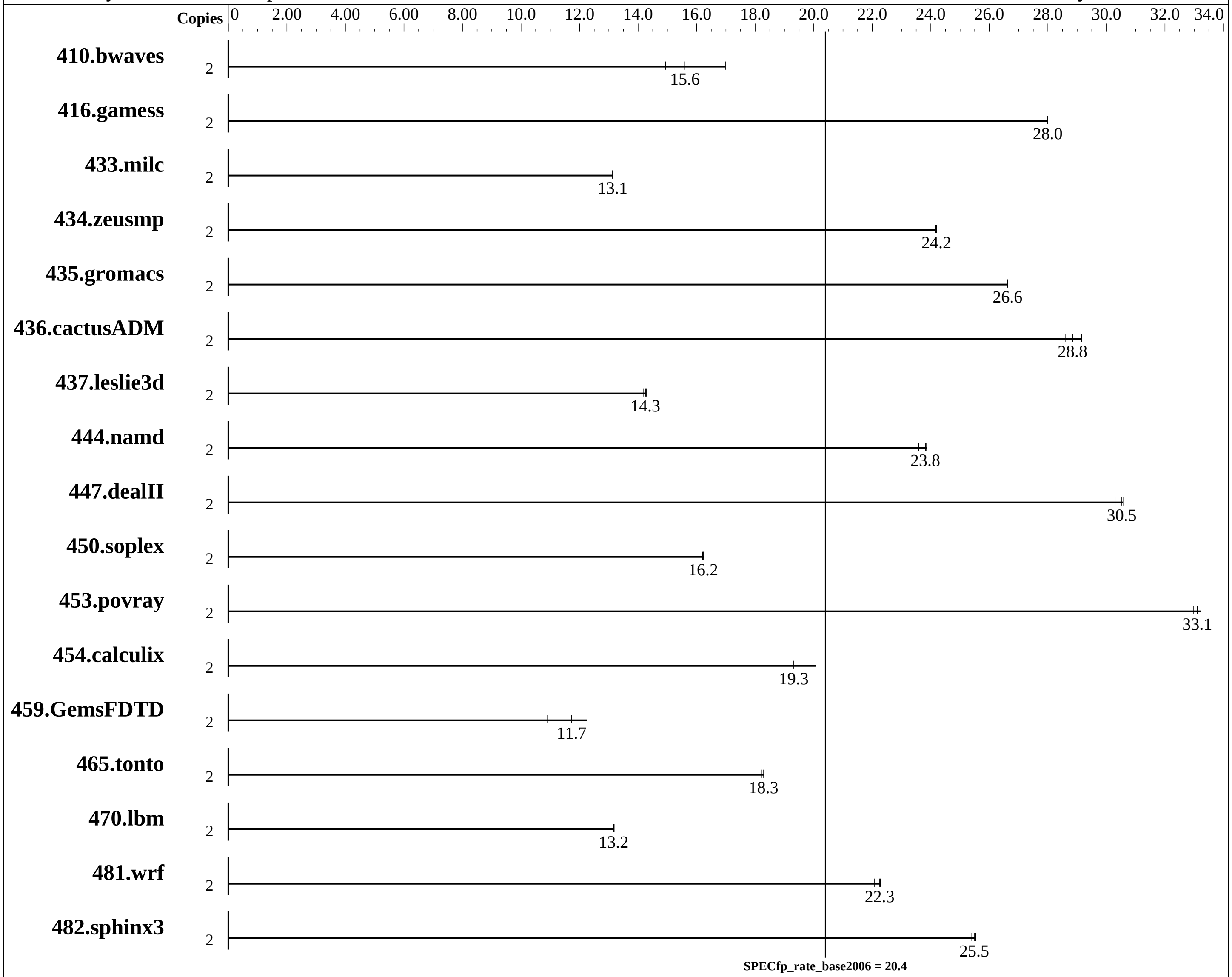
Lenovo Group Limited
(Test Sponsor: Intel Corporation)

Lenovo ThinkPad T61(Intel Core 2 Duo T7700)

SPECfp®_rate2006 = Not Run

SPECfp_rate_base2006 = 20.4

CPU2006 license:	13	**Test date:**	Jun-2007
Test sponsor:	Intel Corporation	**Hardware Availability:**	Jun-2007
Tested by:	Intel Corporation	**Software Availability:**	Feb-2007



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

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Software

Operating System:	Windows Vista Business
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

	Base							Peak						
Benchmark	**Copies**	**Seconds**	**Ratio**	**Seconds**	**Ratio**	**Seconds**	**Ratio**	**Copies**	**Seconds**	**Ratio**	**Seconds**	**Ratio**	**Seconds**	**Ratio**
410.bwaves	2	1600	17.0	**1742**	**15.6**	1819	14.9							
416.gamess	2	1399	28.0	**1399**	**28.0**	1399	28.0							
433.milc	2	1398	13.1	1399	13.1	**1399**	**13.1**							
434.zeusmp	2	**752**	**24.2**	753	24.2	752	24.2							
435.gromacs	2	536	26.6	537	26.6	**536**	**26.6**							
436.cactusADM	2	**829**	**28.8**	836	28.6	820	29.2							
437.leslie3d	2	**1319**	**14.3**	1326	14.2	1317	14.3							
444.namd	2	**674**	**23.8**	680	23.6	672	23.9							
447.dealII	2	749	30.6	755	30.3	**750**	**30.5**							
450.soplex	2	1029	16.2	1027	16.2	**1028**	**16.2**							
453.povray	2	**321**	**33.1**	323	33.0	320	33.2							
454.calculix	2	**854**	**19.3**	855	19.3	822	20.1							
459.GemsFDTD	2	**1809**	**11.7**	1946	10.9	1731	12.3							
465.tonto	2	**1076**	**18.3**	1076	18.3	1079	18.2							
470.lbm	2	**2087**	**13.2**	2088	13.2	2085	13.2							
481.wrf	2	1012	22.1	**1004**	**22.3**	1003	22.3							
482.sphinx3	2	1536	25.4	1527	25.5	**1529**	**25.5**							

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
Vista Power Profile set to 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

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 12:21:02 2014 by SPEC CPU2006 PS/PDF formatter v6932.
Originally published on 21 August 2007.