SPEC® CFP2006 Result

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Lenovo Group Limited

(Test Sponsor: Intel Corporation)

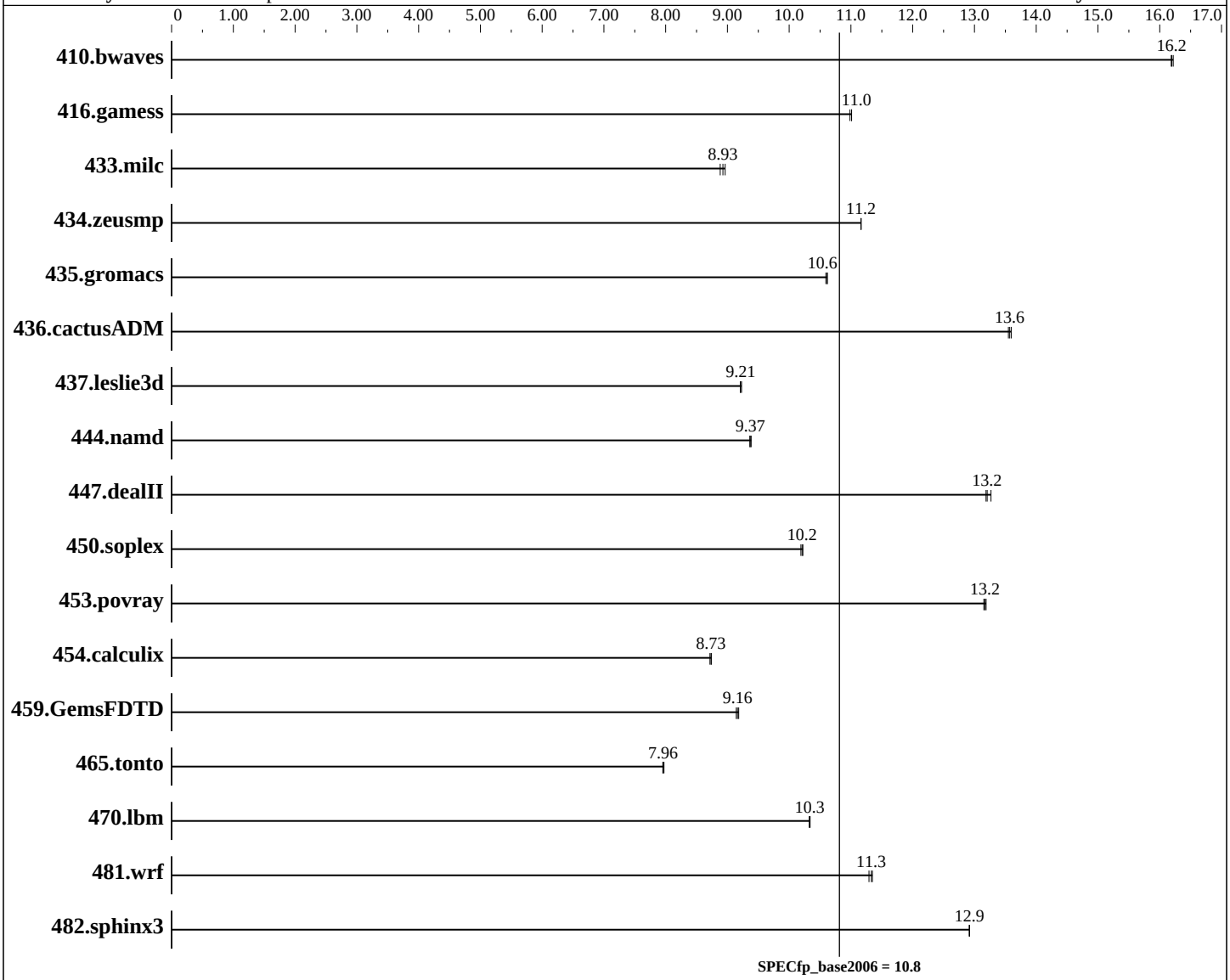
Lenovo ThinkPad T61(Intel Core 2 Duo T7100)

SPECfp®2006 = Not Run

SPECfp_base2006 = 10.8

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 Vista32 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

Benchmark	Base						Peak					
	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
410.bwaves	840	16.2	838	16.2	**839**	**16.2**						
416.gamess	1783	11.0	**1778**	**11.0**	1778	11.0						
433.milc	1033	8.88	**1028**	**8.93**	1024	8.96						
434.zeusmp	815	11.2	**815**	**11.2**	815	11.2						
435.gromacs	673	10.6	**673**	**10.6**	674	10.6						
436.cactusADM	**881**	**13.6**	879	13.6	882	13.5						
437.leslie3d	1021	9.21	1019	9.23	**1020**	**9.21**						
444.namd	855	9.38	**856**	**9.37**	857	9.36						
447.dealII	868	13.2	**866**	**13.2**	862	13.3						
450.soplex	**817**	**10.2**	818	10.2	816	10.2						
453.povray	403	13.2	**404**	**13.2**	405	13.2						
454.calculix	**945**	**8.73**	944	8.74	946	8.72						
459.GemsFDTD	1160	9.14	1155	9.18	**1158**	**9.16**						
465.tonto	1237	7.95	**1236**	**7.96**	1234	7.97						
470.lbm	**1330**	**10.3**	1329	10.3	1331	10.3						
481.wrf	989	11.3	**986**	**11.3**	984	11.3						
482.sphinx3	1509	12.9	**1509**	**12.9**	1509	12.9						

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
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

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