SPEC® CFP2006 Result

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Lenovo Group Limited

(Test Sponsor: Intel Corporation)

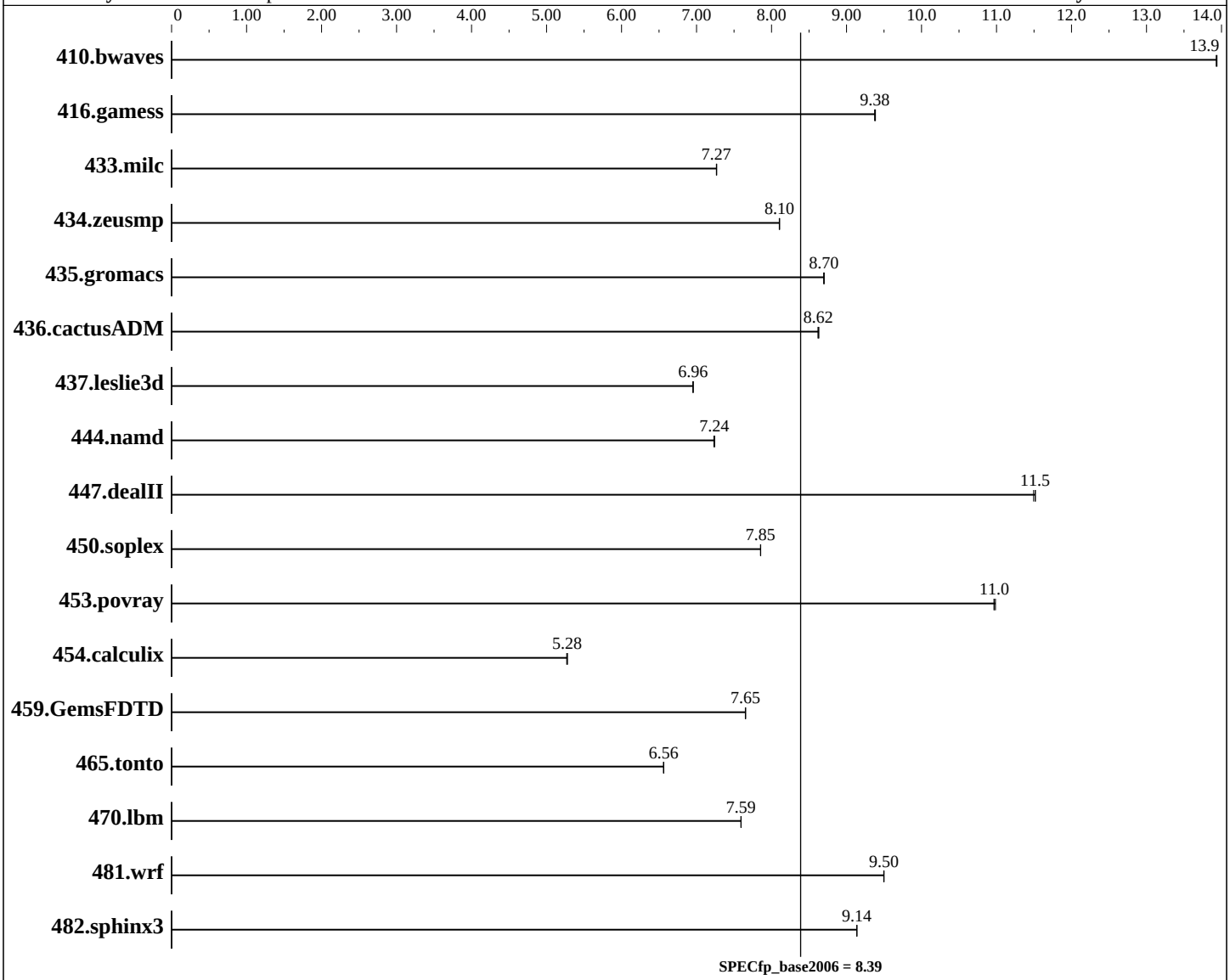
Lenovo ThinkPad T43(Intel Core Duo T2400)

SPECfp®2006 = Not Run

SPECfp_base2006 = 8.39

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 Duo T2400
CPU Characteristics:	1.83 GHz 2MB L2
CPU MHz:	1833
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 (2x1 GB 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	975	13.9	**975**	**13.9**	975	13.9						
416.gamess	2086	9.39	2089	9.37	**2087**	**9.38**						
433.milc	1263	7.27	**1263**	**7.27**	1264	7.26						
434.zeusmp	1122	8.11	1123	8.10	**1123**	**8.10**						
435.gromacs	820	8.70	821	8.70	**821**	**8.70**						
436.cactusADM	1386	8.62	1384	8.63	**1386**	**8.62**						
437.leslie3d	1352	6.95	1351	6.96	**1352**	**6.96**						
444.namd	1109	7.23	1108	7.24	**1108**	**7.24**						
447.dealII	995	11.5	993	11.5	**993**	**11.5**						
450.soplex	1062	7.85	**1062**	**7.85**	1062	7.86						
453.povray	485	11.0	**485**	**11.0**	484	11.0						
454.calculix	1566	5.27	**1564**	**5.28**	1563	5.28						
459.GemsFDTD	1387	7.65	1386	7.66	**1386**	**7.65**						
465.tonto	1499	6.56	1500	6.56	**1500**	**6.56**						
470.lbm	1809	7.59	**1809**	**7.59**	1810	7.59						
481.wrf	**1176**	**9.50**	1176	9.50	1176	9.50						
482.sphinx3	**2133**	**9.14**	2133	9.14	2133	9.14						

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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