SPEC® CFP2006 Result

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Lenovo Group Limited

(Test Sponsor: Intel Corporation)

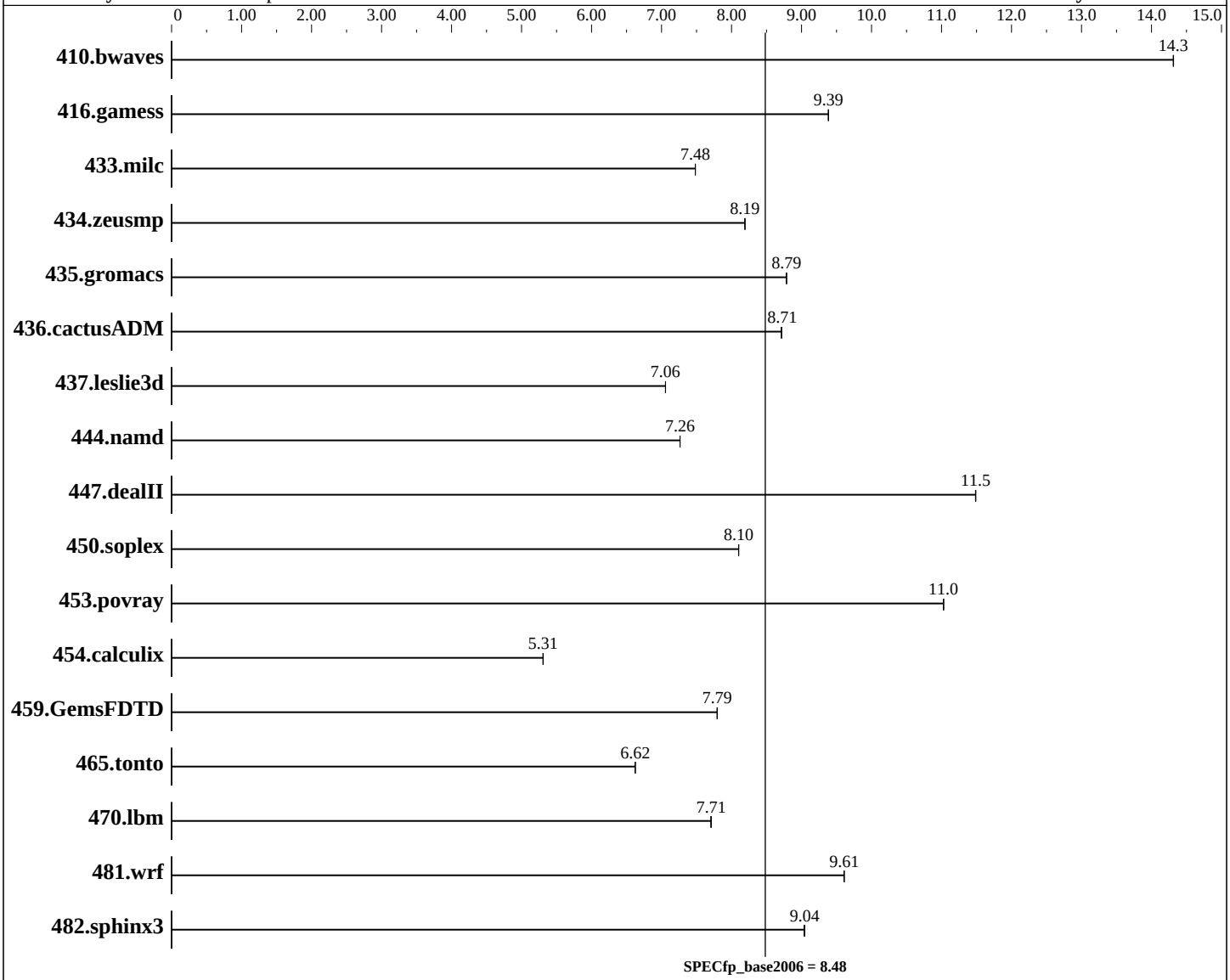
Lenovo ThinkPad T43(Intel Core Duo T2400)

SPECfp®2006 = Not Run

SPECfp_base2006 = 8.48

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 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 (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	950	14.3	**950**	**14.3**	949	14.3						
416.gamess	2087	9.38	2086	9.39	**2086**	**9.39**						
433.milc	**1227**	**7.48**	1227	7.48	1227	7.48						
434.zeusmp	1111	8.19	**1111**	**8.19**	1111	8.19						
435.gromacs	813	8.79	813	8.78	**813**	**8.79**						
436.cactusADM	**1371**	**8.71**	1372	8.71	1371	8.72						
437.leslie3d	1332	7.06	**1332**	**7.06**	1332	7.06						
444.namd	**1104**	**7.26**	1104	7.26	1104	7.26						
447.dealII	996	11.5	**996**	**11.5**	996	11.5						
450.soplex	1030	8.10	**1029**	**8.10**	1029	8.10						
453.povray	**482**	**11.0**	482	11.0	482	11.0						
454.calculix	1555	5.31	**1554**	**5.31**	1554	5.31						
459.GemsFDTD	1361	7.80	1361	7.79	**1361**	**7.79**						
465.tonto	1485	6.62	**1485**	**6.62**	1486	6.62						
470.lbm	1782	7.71	1784	7.70	**1782**	**7.71**						
481.wrf	**1162**	**9.61**	1163	9.61	1162	9.61						
482.sphinx3	**2155**	**9.04**	2154	9.05	2157	9.04						

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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For other inquiries, please contact webmaster@spec.org.

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