



SPEC[®] CFP2006 Result

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Lenovo Group Limited

(Test Sponsor: Intel Corporation)

SPECfp[®]2006 = **Not Run**

Lenovo ThinkPad T61(Intel Core 2 Duo T7700)

SPECfp_base2006 = **13.9**

CPU2006 license: 13

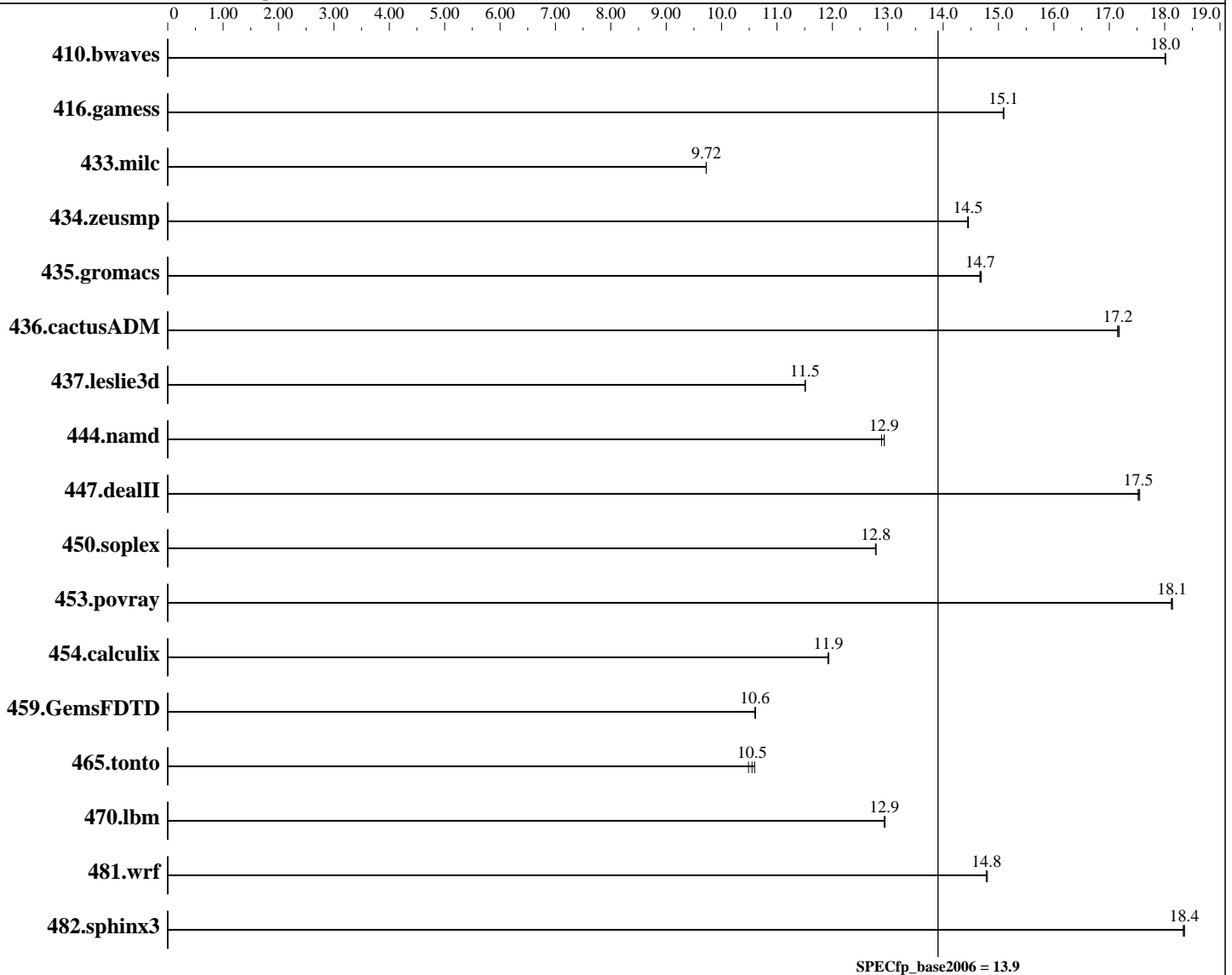
Test sponsor: Intel Corporation

Tested by: Intel Corporation

Test date: Jun-2007

Hardware Availability: Jun-2007

Software Availability: Feb-2007



Hardware

CPU Name: Intel Core 2 Duo 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 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					
	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
410.bwaves	755	18.0	754	18.0	754	18.0						
416.gamess	1297	15.1	1298	15.1	1297	15.1						
433.milc	944	9.72	944	9.72	944	9.72						
434.zeusmp	630	14.4	630	14.5	630	14.5						
435.gromacs	487	14.7	487	14.7	486	14.7						
436.cactusADM	697	17.2	696	17.2	697	17.2						
437.leslie3d	816	11.5	817	11.5	817	11.5						
444.namd	620	12.9	622	12.9	620	12.9						
447.dealII	653	17.5	652	17.5	653	17.5						
450.soplex	652	12.8	653	12.8	652	12.8						
453.povray	294	18.1	293	18.1	293	18.1						
454.calculix	691	11.9	692	11.9	692	11.9						
459.GemsFDTD	1001	10.6	1001	10.6	1000	10.6						
465.tonto	933	10.5	929	10.6	938	10.5						
470.lbm	1062	12.9	1062	12.9	1061	13.0						
481.wrf	756	14.8	756	14.8	755	14.8						
482.sphinx3	1063	18.3	1062	18.4	1062	18.4						

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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