



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 T7100)

SPECfp_base2006 =

10.8

CPU2006 license: 13

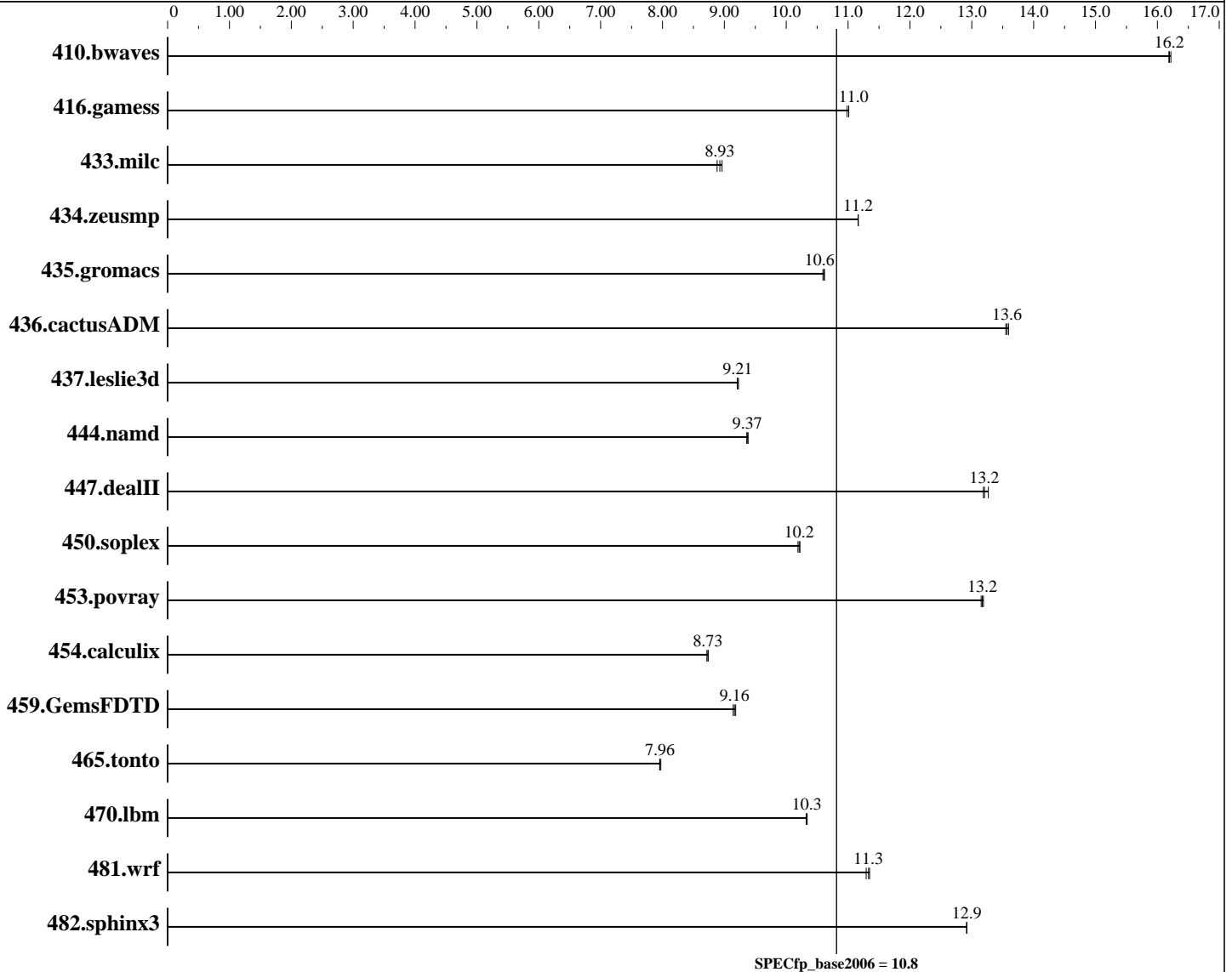
Test sponsor: Intel Corporation

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

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