



SPEC® CFP2006 Result

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Lenovo Group Limited

(Test Sponsor: Intel Corporation)

SPECfp®_rate2006 = Not Run

Lenovo ThinkPad T43(Intel Core Duo T2400)

SPECfp_rate_base2006 = 14.2

CPU2006 license: 13

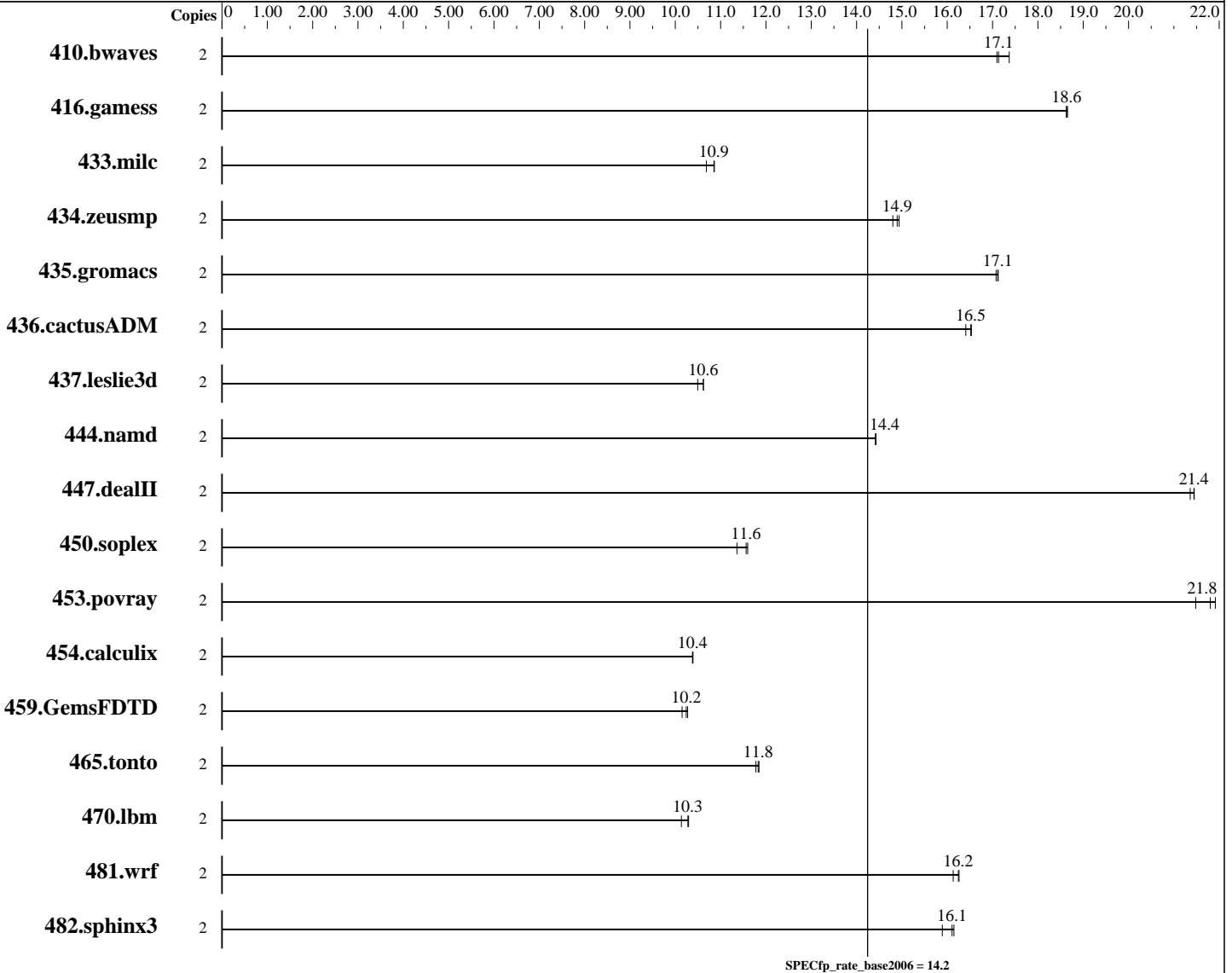
Test sponsor: Intel Corporation

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						
	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
410.bwaves	2	1590	17.1	<u>1586</u>	<u>17.1</u>	1565	17.4							
416.gamess	2	2102	18.6	<u>2101</u>	<u>18.6</u>	2099	18.7							
433.milc	2	1718	10.7	<u>1692</u>	<u>10.9</u>	1690	10.9							
434.zeusmp	2	1230	14.8	<u>1222</u>	<u>14.9</u>	1218	14.9							
435.gromacs	2	836	17.1	<u>834</u>	<u>17.1</u>	834	17.1							
436.cactusADM	2	1456	16.4	1446	16.5	<u>1447</u>	<u>16.5</u>							
437.leslie3d	2	1791	10.5	1770	10.6	<u>1771</u>	<u>10.6</u>							
444.namd	2	1112	14.4	1112	14.4	<u>1112</u>	<u>14.4</u>							
447.dealII	2	<u>1067</u>	<u>21.4</u>	1071	21.4	1067	21.4							
450.soplex	2	1468	11.4	1438	11.6	<u>1443</u>	<u>11.6</u>							
453.povray	2	<u>488</u>	<u>21.8</u>	486	21.9	495	21.5							
454.calculix	2	1588	10.4	<u>1589</u>	<u>10.4</u>	1590	10.4							
459.GemsFDTD	2	2091	10.2	2066	10.3	<u>2072</u>	<u>10.2</u>							
465.tonto	2	1671	11.8	1661	11.8	<u>1664</u>	<u>11.8</u>							
470.lbm	2	2711	10.1	2670	10.3	<u>2674</u>	<u>10.3</u>							
481.wrf	2	1385	16.1	1374	16.3	<u>1375</u>	<u>16.2</u>							
482.sphinx3	2	2453	15.9	2414	16.1	<u>2420</u>	<u>16.1</u>							

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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