



SPEC[®] CFP2006 Result

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Lenovo Group Limited

(Test Sponsor: Intel Corporation)

SPECfp[®]2006 = **Not Run**

Lenovo ThinkPad T43(Intel Pentium M 750)

SPECfp_base2006 = **7.03**

CPU2006 license: 13

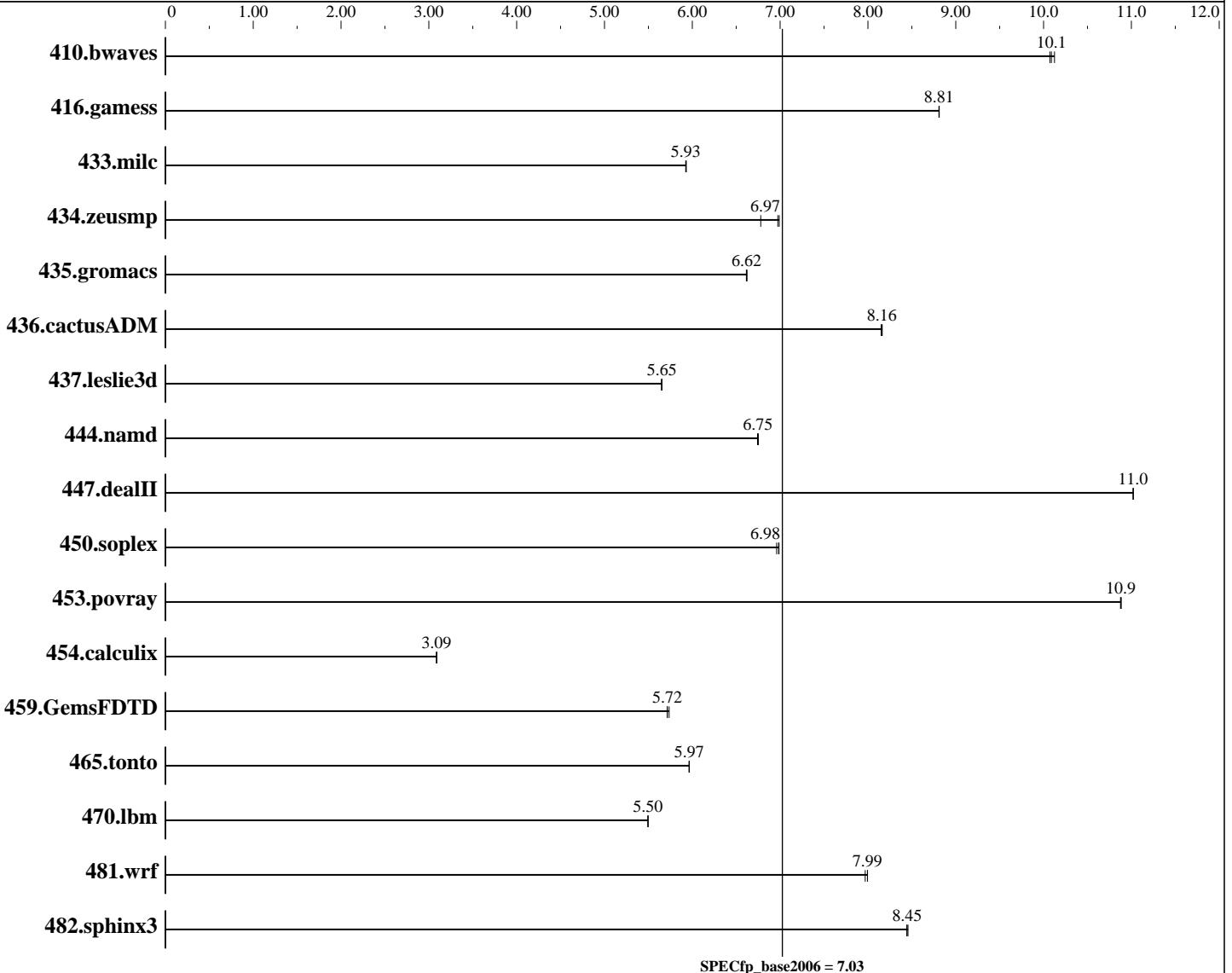
Test sponsor: Intel Corporation

Tested by: Intel Corporation

Test date: Jun-2007

Hardware Availability: Jun-2007

Software Availability: Feb-2007



Hardware

CPU Name: Intel Pentium M 750
 CPU Characteristics: 1.86 GHz 2MB L2
 CPU MHz: 1867
 FPU: Integrated
 CPU(s) enabled: 1 core, 1 chip, 1 core/chip
 CPU(s) orderable: 1 chip
 Primary Cache: 32 KB I + 32 KB D on chip per chip
 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: 1 GB (2x512 MB Samsung* PC2-4200s DDR2-533 4-4-4-12)
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	1347	10.1	1349	10.1	1342	10.1						
416.gamess	2223	8.81	2222	8.81	2223	8.81						
433.milc	1548	5.93	1549	5.93	1549	5.93						
434.zeusmp	1305	6.97	1302	6.99	1342	6.78						
435.gromacs	1078	6.62	1079	6.62	1079	6.62						
436.cactusADM	1466	8.15	1465	8.16	1464	8.16						
437.leslie3d	1664	5.65	1663	5.65	1662	5.65						
444.namd	1188	6.75	1188	6.75	1189	6.74						
447.dealII	1038	11.0	1038	11.0	1038	11.0						
450.soplex	1194	6.98	1194	6.99	1198	6.96						
453.povray	489	10.9	489	10.9	489	10.9						
454.calculix	2672	3.09	2671	3.09	2671	3.09						
459.GemsFDTD	1850	5.74	1856	5.72	1857	5.71						
465.tonto	1649	5.97	1650	5.97	1650	5.96						
470.lbm	2500	5.50	2500	5.50	2500	5.50						
481.wrf	1402	7.97	1397	7.99	1397	8.00						
482.sphinx3	2308	8.45	2309	8.44	2305	8.46						

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:

-QxN -Qipo -O3 -Qprec-div- /F950000000 shlw32m.lib
-link /FORCE:MULTIPLE

C++ benchmarks:

-QxN -Qipo -O3 -Qprec-div- -Qcxx_features /F950000000 shlw32m.lib
-link /FORCE:MULTIPLE

Fortran benchmarks:

-QxN -Qipo -O3 -Qprec-div- /F950000000
-link /FORCE:MULTIPLE

Benchmarks using both Fortran and C:

-QxN -Qipo -O3 -Qprec-div- /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 questions about this result, please contact the tester.
For other inquiries, please contact webmaster@spec.org.

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