SPEC® CFP2006 Result

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Lenovo Group Limited

(Test Sponsor: Intel Corporation)

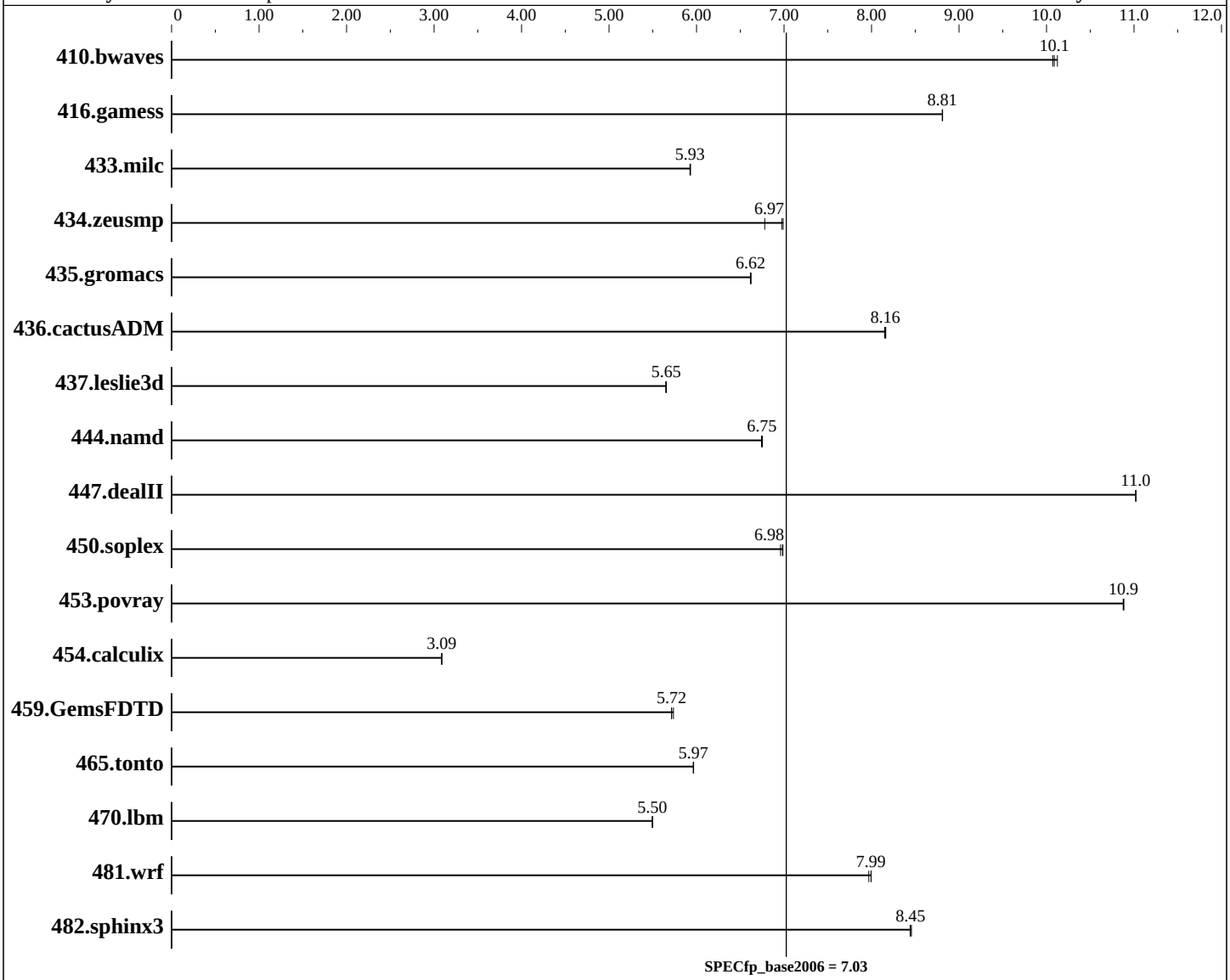
Lenovo ThinkPad T43(Intel Pentium M 750)

SPECfp®2006 = Not Run

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 other inquiries, please contact webmaster@spec.org.

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