SPEC® CFP2006 Result

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Lenovo Group Limited

(Test Sponsor: Intel Corporation)

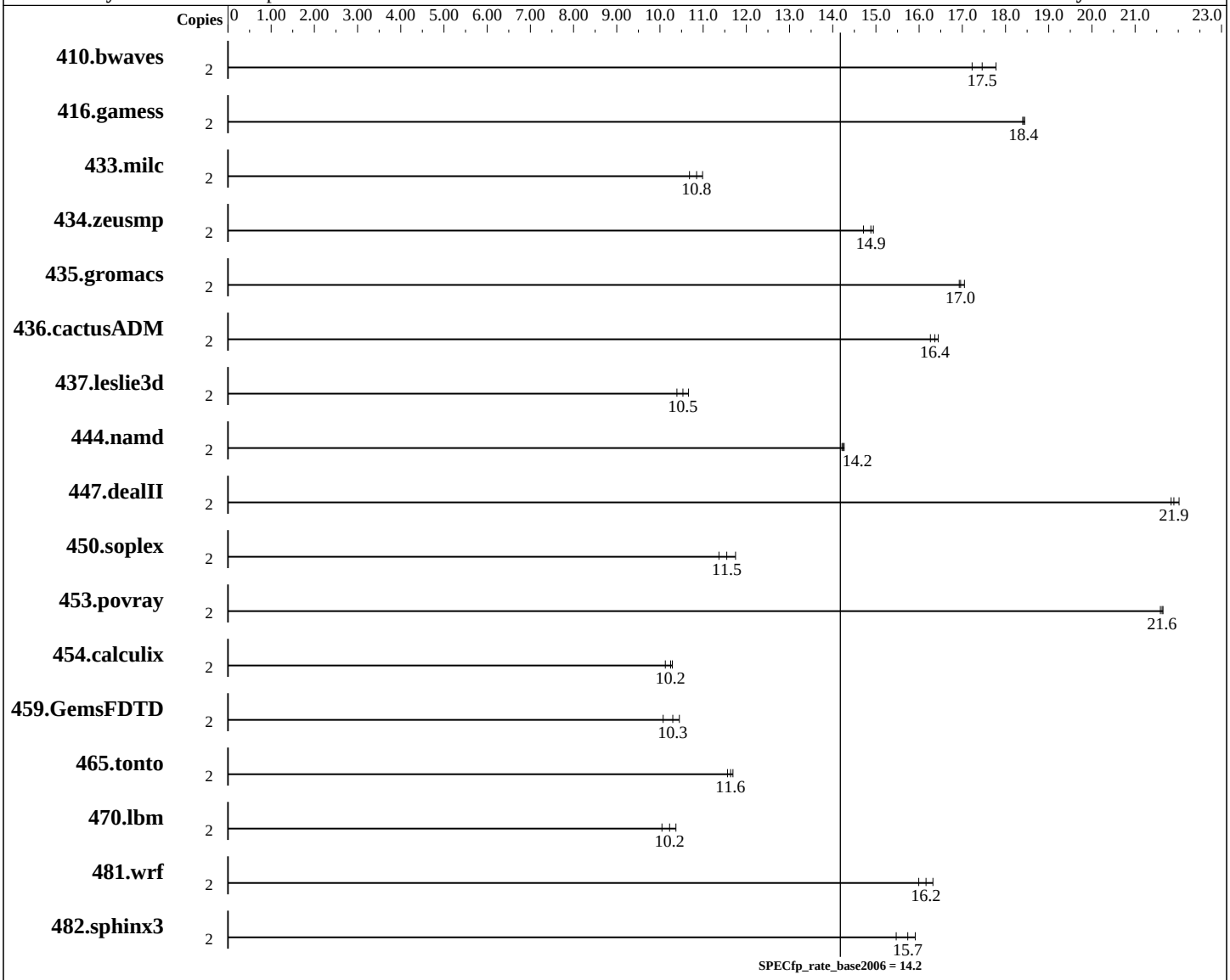
Lenovo ThinkPad T43(Intel Core Duo T2400)

SPECfp®_rate2006 = Not Run

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 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 (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	1578	17.2	**1557**	**17.5**	1529	17.8							
416.gamess	2	2123	18.4	2128	18.4	**2126**	**18.4**							
433.milc	2	1718	10.7	**1692**	**10.8**	1671	11.0							
434.zeusmp	2	1237	14.7	**1223**	**14.9**	1218	14.9							
435.gromacs	2	844	16.9	**842**	**17.0**	838	17.0							
436.cactusADM	2	1470	16.3	**1460**	**16.4**	1453	16.4							
437.leslie3d	2	1809	10.4	**1785**	**10.5**	1763	10.7							
444.namd	2	1129	14.2	**1127**	**14.2**	1124	14.3							
447.dealII	2	1048	21.8	**1045**	**21.9**	1039	22.0							
450.soplex	2	1468	11.4	**1444**	**11.5**	1420	11.8							
453.povray	2	493	21.6	**492**	**21.6**	492	21.6							
454.calculix	2	1630	10.1	**1610**	**10.2**	1604	10.3							
459.GemsFDTD	2	2106	10.1	**2061**	**10.3**	2031	10.4							
465.tonto	2	1702	11.6	**1691**	**11.6**	1683	11.7							
470.lbm	2	2735	10.0	**2688**	**10.2**	2650	10.4							
481.wrf	2	1397	16.0	**1382**	**16.2**	1369	16.3							
482.sphinx3	2	2520	15.5	**2477**	**15.7**	2450	15.9							

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
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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