SPEC® CFP2006 Result
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Lenovo Group Limited
(Test Sponsor: Intel Corporation)

Lenovo ThinkPad T43(Intel Core Duo T2400)

$SPECfp®2006 =$ **Not Run**

$SPECfp\_base2006 =$ **8.48**
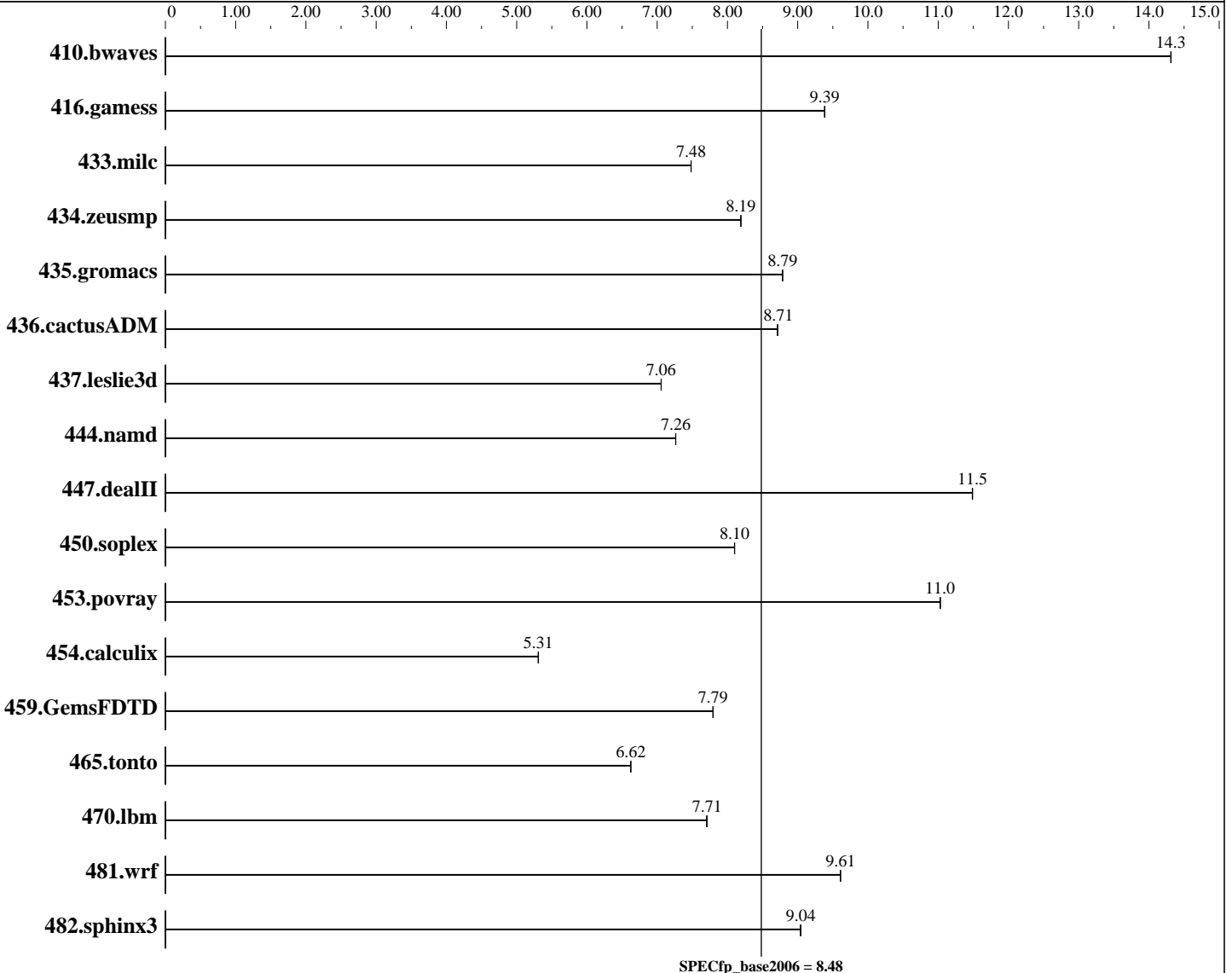
CPU2006 license: 13
Test sponsor: Intel Corporation
Tested by: Intel Corporation

Test date: Jun-2007
Hardware Availability: Jun-2007
Software Availability: Feb-2007

Benchmark	Result
410.bwaves	14.3
416.gamess	9.39
433.milc	7.48
434.zeusmp	8.19
435.gromacs	8.79
436.cactusADM	8.71
437.leslie3d	7.06
444.namd	7.26
447.dealII	11.5
450.soplex	8.10
453.povray	11.0
454.calculix	5.31
459.GemsFDTD	7.79
465.tonto	6.62
470.lbm	7.71
481.wrf	9.61
482.sphinx3	9.04

SPECfp_base2006 = 8.48

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

Continued on next page

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	Base Pointers:	32-bit
Other Cache:	None	Peak Pointers:	Not Applicable
Memory:	2 GB (2x1 GB Qimonda* PC-5300 DDR2-667 5-5-5-12)	Other Software:	SmartHeap library V7.4 from Microquill
Disk Subsystem:	Hitachi* HTS721010G9 SATA 100GB 7200RPM		
Other Hardware:	None		

Results Table

Benchmark	Base						Peak					
	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
410.bwaves	950	14.3	**950**	**14.3**	949	14.3						
416.gamess	2087	9.38	2086	9.39	**2086**	**9.39**						
433.milc	**1227**	**7.48**	1227	7.48	1227	7.48						
434.zeusmp	1111	8.19	**1111**	**8.19**	1111	8.19						
435.gromacs	813	8.79	813	8.78	**813**	**8.79**						
436.cactusADM	**1371**	**8.71**	1372	8.71	1371	8.72						
437.leslie3d	1332	7.06	**1332**	**7.06**	1332	7.06						
444.namd	**1104**	**7.26**	1104	7.26	1104	7.26						
447.dealII	996	11.5	**996**	**11.5**	996	11.5						
450.soplex	1030	8.10	**1029**	**8.10**	1029	8.10						
453.povray	**482**	**11.0**	482	11.0	482	11.0						
454.calculix	1555	5.31	**1554**	**5.31**	1554	5.31						
459.GemsFDTD	1361	7.80	1361	7.79	**1361**	**7.79**						
465.tonto	1485	6.62	**1485**	**6.62**	1486	6.62						
470.lbm	1782	7.71	1784	7.70	**1782**	**7.71**						
481.wrf	**1162**	**9.61**	1163	9.61	1162	9.61						
482.sphinx3	**2155**	**9.04**	2154	9.05	2157	9.04						

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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