SPEC® CFP2006 Result

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Intel Corporation

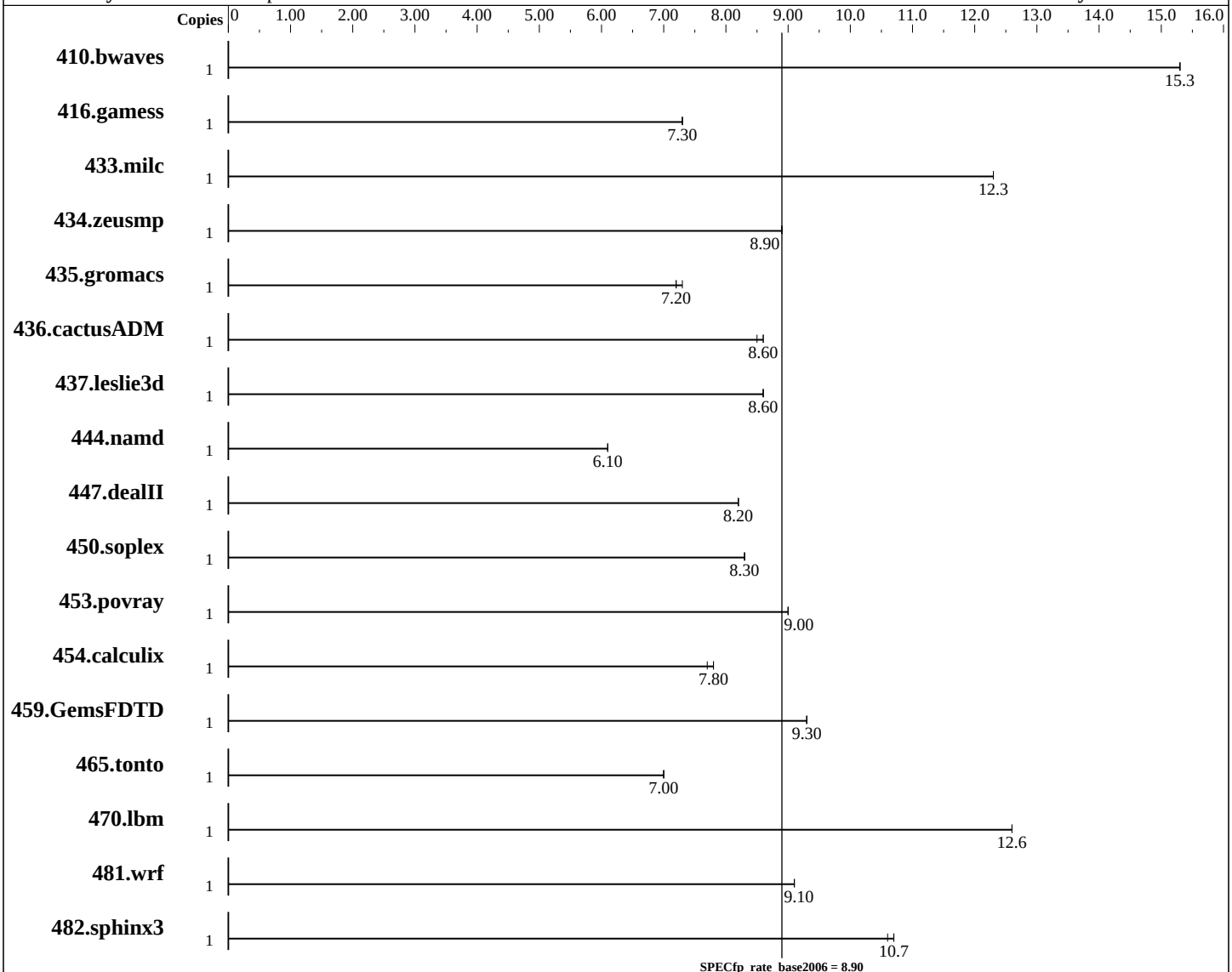
Acer Aspire 3410T (Intel Celeron M 723)

SPECfp®_rate2006 = Not Run

SPECfp_rate_base2006 = 8.90

CPU2006 license: 13
Test sponsor: Intel Corporation
Tested by: Intel Corporation

Test date: May-2009
Hardware Availability: May-2009
Software Availability: Nov-2008



Hardware

CPU Name:	Intel Celeron M 723
CPU Characteristics:	
CPU MHz:	1200
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:	1 MB I+D on chip per chip

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Software

Operating System:	Windows Vista Home Premium w/ SP1 (32-bit)
Compiler:	Intel C++ Compiler Professional 11.0 for IA32 Build 20080930 Package ID: w_cproc_p_11.0.054 Intel Visual Fortran Compiler Professional 11.0 for IA32 Build 20080930 Package ID: w_cprof_p_11.0.054 Microsoft Visual Studio 2008 (for libraries)
Auto Parallel:	No
File System:	NTFS

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L3 Cache: None
Other Cache: None
Memory: 2 GB (2x1GB DDR3-1066 CL7; bios sets it to DDR2-800 CL5)
Disk Subsystem: ST9250315AS 250 GB SATA, 5400RPM
Other Hardware: None

System State: Default
Base Pointers: 32-bit
Peak Pointers: Not Applicable
Other Software: SmartHeap Library Version 8.1 from http://www.microquill.com/

Results Table

Benchmark	Base							Peak						
	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
410.bwaves	1	887	15.3	888	15.3	**887**	**15.3**							
416.gamess	1	2680	7.30	**2678**	**7.30**	2670	7.30							
433.milc	1	**749**	**12.3**	749	12.3	746	12.3							
434.zeusmp	1	1028	8.90	**1027**	**8.90**	1024	8.90							
435.gromacs	1	**986**	**7.20**	987	7.20	983	7.30							
436.cactusADM	1	**1394**	**8.60**	1401	8.50	1391	8.60							
437.leslie3d	1	1093	8.60	**1092**	**8.60**	1092	8.60							
444.namd	1	1316	6.10	**1316**	**6.10**	1313	6.10							
447.dealII	1	**1392**	**8.20**	1392	8.20	1387	8.20							
450.soplex	1	**1001**	**8.30**	1001	8.30	1000	8.30							
453.povray	1	592	9.00	**591**	**9.00**	589	9.00							
454.calculix	1	1067	7.70	**1063**	**7.80**	1060	7.80							
459.GemsFDTD	1	1145	9.30	1142	9.30	**1143**	**9.30**							
465.tonto	1	1401	7.00	1396	7.00	**1397**	**7.00**							
470.lbm	1	**1091**	**12.6**	1092	12.6	1088	12.6							
481.wrf	1	1228	9.10	1224	9.10	**1227**	**9.10**							
482.sphinx3	1	1836	10.6	1828	10.7	**1829**	**10.7**							

Results appear in the order in which they were run. Bold underlined text indicates a median measurement.

Submit Notes

```
The config file option 'submit' was used.
```

General Notes

```
The system bus runs at 800 MHz
Binaries were built on Windows Vista Ultimate (32-bit)
```

Base Compiler Invocation

C benchmarks:

```
icl -Qvc9 -Qc99
```

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Base Compiler Invocation (Continued)

C++ benchmarks:
icl -Qvc9

Fortran benchmarks:
ifort

Benchmarks using both Fortran and C:
icl -Qvc9 -Qc99 ifort

Base Portability Flags

436.cactusADM: -Qlowercase /assume:underscore
444.namd: -TP
447.dealII: -DDEAL_II_MEMBER_VAR_SPECIALIZATION_BUG
453.povray: -DSPEC_CPU_WINDOWS_ICL
454.calculix: -DSPEC_CPU_NOZMODIFIER -Qlowercase
481.wrf: -DSPEC_CPU_WINDOWS_ICL

Base Optimization Flags

C benchmarks:
-QxSSSE3 -Qipo -O3 -Qprec-div- -Qopt-prefetch /F1000000000

C++ benchmarks:
-QxSSSE3 -Qipo -O3 -Qprec-div- -Qopt-prefetch -Qcxx-features
/F1000000000 shlw32m.lib -link /FORCE:MULTIPLE

Fortran benchmarks:
-QxSSSE3 -Qipo -O3 -Qprec-div- -Qopt-prefetch /F1000000000

Benchmarks using both Fortran and C:
-QxSSSE3 -Qipo -O3 -Qprec-div- -Qopt-prefetch /F1000000000

The flags file that was used to format this result can be browsed at
http://www.spec.org/cpu2006/flags/Intel-ic11.0-win32-revA.html

You can also download the XML flags source by saving the following link:
http://www.spec.org/cpu2006/flags/Intel-ic11.0-win32-revA.xml

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