



SPEC® CFP2006 Result

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Acer Incorporated
(Test Sponsor: Intel Corporation)

SPECfp®2006 = Not Run

Acer Ferrari 5000 (AMD Turion 64 X2 TL-60)

SPECfp_base2006 = 7.13

CPU2006 license: 13

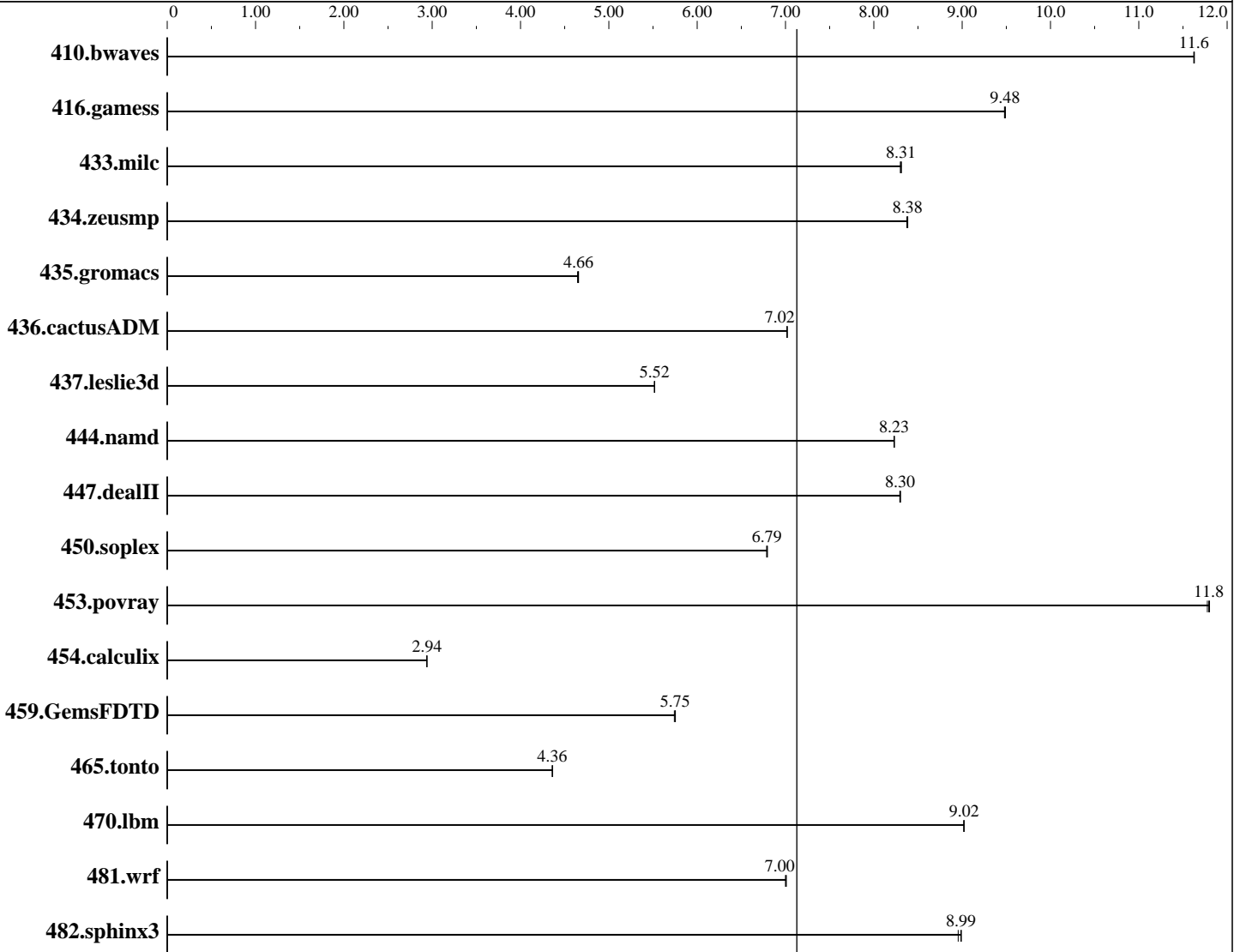
Test date: Jun-2007

Test sponsor: Intel Corporation

Hardware Availability: Jun-2007

Tested by: Intel Corporation

Software Availability: Feb-2007



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Hardware

CPU Name: AMD Turion 64 X2 TL-60
 CPU Characteristics: 2.0 GHz 2x512KB L2
 CPU MHz: 2000
 FPU: Integrated
 CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip
 CPU(s) orderable: 1 chip
 Primary Cache: 64 KB I + 64 KB D on chip per core
 Secondary Cache: 512 KB I+D on chip per core

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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: 2 GB (2x1GB Samsung DDR2-667 CL5)
Disk Subsystem: Hitachi 160GB 5400rpm SATA HDD
Other Hardware: None

Base Pointers: 32-bit
Peak Pointers: Not Applicable
Other Software: SmartHeap Library Version 8.0 from <http://www.microquill.com/>

Results Table

Benchmark	Base						Peak					
	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
410.bwaves	1169	11.6	<u>1169</u>	<u>11.6</u>	1169	11.6						
416.gamess	<u>2065</u>	<u>9.48</u>	2063	9.49	2066	9.48						
433.milc	1106	8.30	1104	8.31	<u>1105</u>	<u>8.31</u>						
434.zeusmp	1087	8.37	1085	8.38	<u>1086</u>	<u>8.38</u>						
435.gromacs	1537	4.65	1533	4.66	<u>1533</u>	<u>4.66</u>						
436.cactusADM	1702	7.02	<u>1703</u>	<u>7.02</u>	1703	7.02						
437.leslie3d	1703	5.52	1704	5.52	<u>1704</u>	<u>5.52</u>						
444.namd	975	8.23	974	8.23	<u>974</u>	<u>8.23</u>						
447.dealII	1379	8.29	<u>1379</u>	<u>8.30</u>	1378	8.30						
450.soplex	<u>1228</u>	<u>6.79</u>	1229	6.79	1227	6.80						
453.povray	452	11.8	<u>451</u>	<u>11.8</u>	451	11.8						
454.calculix	2808	2.94	2805	2.94	<u>2806</u>	<u>2.94</u>						
459.GemsFDTD	1848	5.74	<u>1845</u>	<u>5.75</u>	1844	5.75						
465.tonto	2256	4.36	<u>2257</u>	<u>4.36</u>	2257	4.36						
470.lbm	1524	9.02	1523	9.02	<u>1523</u>	<u>9.02</u>						
481.wrf	1594	7.01	<u>1595</u>	<u>7.00</u>	1595	7.00						
482.sphinx3	2176	8.96	2168	8.99	<u>2169</u>	<u>8.99</u>						

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:
-arch:SSE2 -Qprec-div- -O3 -Qipo /F950000000 shlw32m.lib
-link /FORCE:MULTIPLE

C++ benchmarks:
-arch:SSE2 -Qprec-div- -O3 -Qipo -Oi- -Qcxx_features /F950000000
shlw32m.lib -link /FORCE:MULTIPLE

Fortran benchmarks:
-arch:SSE2 -Qprec-div- -O3 -Qipo -Oi- /F950000000
-link /FORCE:MULTIPLE

Benchmarks using both Fortran and C:
-arch:SSE2 -Qprec-div- -O3 -Qipo -Oi- /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.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.xml>



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For other inquiries, please contact webmaster@spec.org.

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