



SPEC[®] CFP2006 Result

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Acer Incorporated
(Test Sponsor: Intel Corporation)

SPECfp[®]_rate2006 = Not Run

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

SPECfp_rate_base2006 = 13.1

CPU2006 license: 13

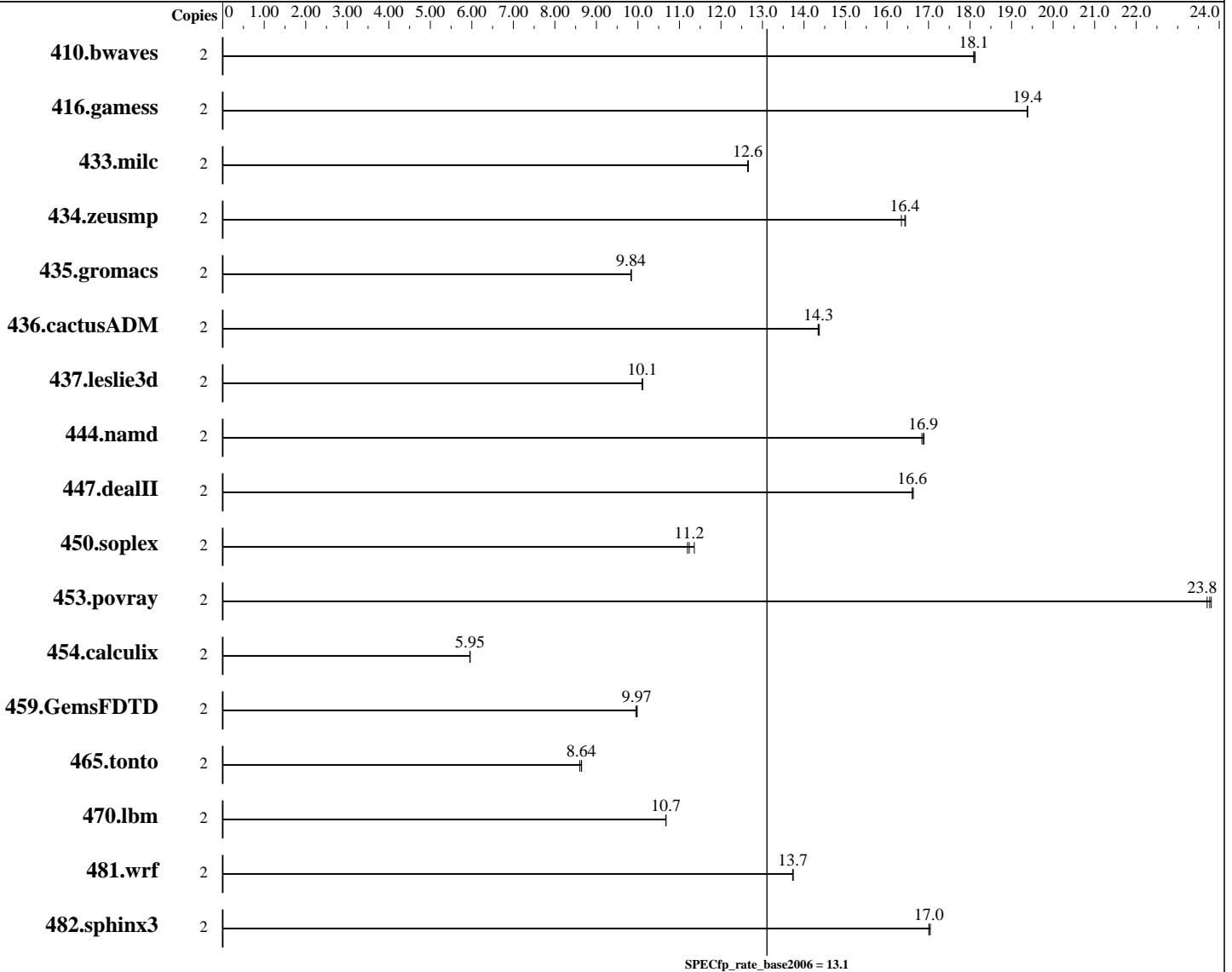
Test date: Jun-2007

Test sponsor: Intel Corporation

Hardware Availability: Jun-2007

Tested by: Intel Corporation

Software Availability: Feb-2007



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						
	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
410.bwaves	2	1502	18.1	<u>1502</u>	<u>18.1</u>	1500	18.1							
416.gamess	2	<u>2020</u>	<u>19.4</u>	2020	19.4	2021	19.4							
433.milc	2	1450	12.7	1452	12.6	<u>1452</u>	<u>12.6</u>							
434.zeusmp	2	1107	16.4	1113	16.3	<u>1108</u>	<u>16.4</u>							
435.gromacs	2	1451	9.84	1452	9.84	<u>1452</u>	<u>9.84</u>							
436.cactusADM	2	1667	14.3	<u>1666</u>	<u>14.3</u>	1663	14.4							
437.leslie3d	2	<u>1860</u>	<u>10.1</u>	1862	10.1	1858	10.1							
444.namd	2	953	16.8	<u>950</u>	<u>16.9</u>	950	16.9							
447.dealII	2	1378	16.6	<u>1378</u>	<u>16.6</u>	1376	16.6							
450.soplex	2	1468	11.4	<u>1485</u>	<u>11.2</u>	1490	11.2							
453.povray	2	447	23.8	<u>448</u>	<u>23.8</u>	449	23.7							
454.calculix	2	<u>2771</u>	<u>5.95</u>	2771	5.95	2769	5.96							
459.GemsFDTD	2	<u>2127</u>	<u>9.97</u>	2126	9.98	2132	9.95							
465.tonto	2	2277	8.64	<u>2278</u>	<u>8.64</u>	2288	8.60							
470.lbm	2	<u>2574</u>	<u>10.7</u>	2575	10.7	2574	10.7							
481.wrf	2	1626	13.7	<u>1627</u>	<u>13.7</u>	1628	13.7							
482.sphinx3	2	2287	17.0	<u>2291</u>	<u>17.0</u>	2292	17.0							

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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