



SPEC[®] CFP2006 Result

Copyright 2006-2014 Standard Performance Evaluation Corporation

Acer Incorporated

SPECfp[®]_rate2006 = 25.8

Acer Altos G330 (Intel Xeon 3070, 2.66 GHz)

SPECfp_rate_base2006 = 25.3

CPU2006 license: 97

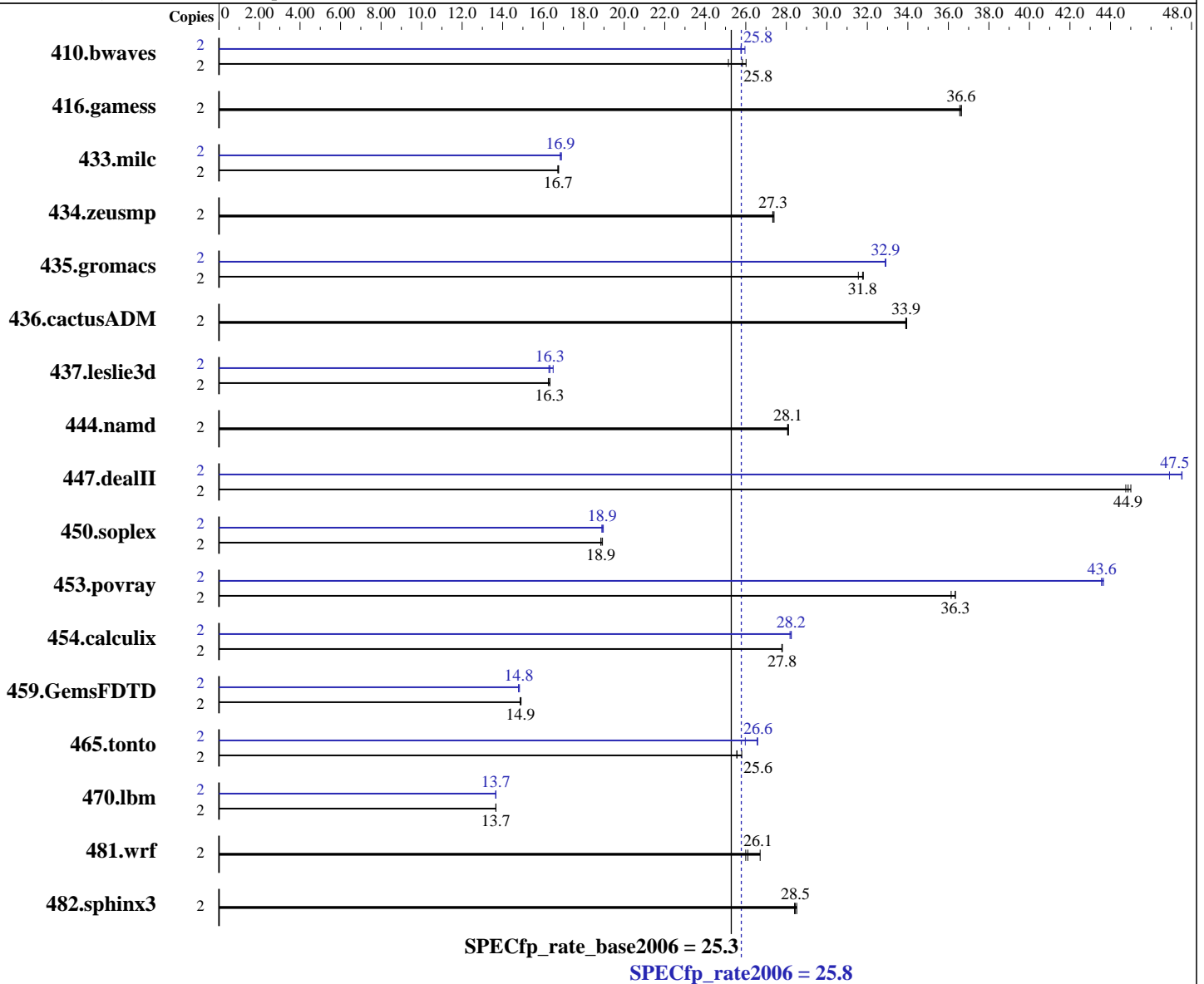
Test sponsor: Acer Incorporated

Tested by: Acer Incorporated

Test date: Apr-2007

Hardware Availability: Nov-2006

Software Availability: Nov-2006



Hardware

CPU Name: Intel Xeon 3070
 CPU Characteristics: 1066MHz system bus
 CPU MHz: 2666
 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: 4 MB I+D on chip per chip

Continued on next page

Software

Operating System: SUSE Linux Enterprise Server 10 EM64T (Kernel 2.6.16.21-0.8-smp)
 Compiler: Intel C++ Compiler 9.1 for Intel EM64T-based Package ID l_cc_c_9.1.042 Build no 20060707
 Intel Fortran Compiler for Intel EM64T-based applications, Version 9.1 Package ID l_fc_c_9.1.040 Build no 20061101
 Auto Parallel: No
 File System: ReiserFS

Continued on next page



SPEC CFP2006 Result

Copyright 2006-2014 Standard Performance Evaluation Corporation

Acer Incorporated

SPECfp_rate2006 = 25.8

Acer Altos G330 (Intel Xeon 3070, 2.66 GHz)

SPECfp_rate_base2006 = 25.3

CPU2006 license: 97
Test sponsor: Acer Incorporated
Tested by: Acer Incorporated

Test date: Apr-2007
Hardware Availability: Nov-2006
Software Availability: Nov-2006

L3 Cache: None
Other Cache: None
Memory: 4 GB (4 x 1024MB ECC DDR2-667 CL5-5-5)
Disk Subsystem: 1 x 320GB 7200RPM SATA HDD
Other Hardware: None

System State: Default
Base Pointers: 64-bit
Peak Pointers: 32/64-bit
Other Software: --

Results Table

Benchmark	Base							Peak						
	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
410.bwaves	2	1081	25.1	1045	26.0	<u>1052</u>	<u>25.8</u>	2	<u>1055</u>	<u>25.8</u>	1047	26.0	1055	25.8
416.gamess	2	1071	36.6	1069	36.6	<u>1069</u>	<u>36.6</u>	2	1071	36.6	1069	36.6	<u>1069</u>	<u>36.6</u>
433.milc	2	<u>1097</u>	<u>16.7</u>	1095	16.8	1098	16.7	2	1090	16.8	1086	16.9	<u>1089</u>	<u>16.9</u>
434.zeusmp	2	666	27.3	664	27.4	<u>666</u>	<u>27.3</u>	2	666	27.3	664	27.4	<u>666</u>	<u>27.3</u>
435.gromacs	2	453	31.6	<u>450</u>	<u>31.8</u>	449	31.8	2	434	32.9	<u>434</u>	<u>32.9</u>	434	32.9
436.cactusADM	2	704	33.9	<u>705</u>	<u>33.9</u>	705	33.9	2	704	33.9	<u>705</u>	<u>33.9</u>	705	33.9
437.leslie3d	2	1151	16.3	1157	16.3	<u>1152</u>	<u>16.3</u>	2	1154	16.3	<u>1151</u>	<u>16.3</u>	1140	16.5
444.namd	2	<u>571</u>	<u>28.1</u>	572	28.1	571	28.1	2	<u>571</u>	<u>28.1</u>	572	28.1	571	28.1
447.dealII	2	508	45.0	511	44.8	<u>510</u>	<u>44.9</u>	2	488	46.9	<u>482</u>	<u>47.5</u>	481	47.5
450.soplex	2	881	18.9	885	18.9	<u>885</u>	<u>18.9</u>	2	883	18.9	<u>882</u>	<u>18.9</u>	879	19.0
453.povray	2	293	36.3	294	36.1	<u>293</u>	<u>36.3</u>	2	244	43.6	<u>244</u>	<u>43.6</u>	244	43.7
454.calculix	2	<u>594</u>	<u>27.8</u>	593	27.8	594	27.8	2	584	28.3	<u>584</u>	<u>28.2</u>	585	28.2
459.GemsFDTD	2	1423	14.9	1428	14.9	<u>1426</u>	<u>14.9</u>	2	1431	14.8	<u>1434</u>	<u>14.8</u>	1436	14.8
465.tonto	2	<u>770</u>	<u>25.6</u>	770	25.6	763	25.8	2	758	26.0	740	26.6	<u>741</u>	<u>26.6</u>
470.lbm	2	2011	13.7	<u>2010</u>	<u>13.7</u>	2010	13.7	2	2012	13.7	<u>2011</u>	<u>13.7</u>	2011	13.7
481.wrf	2	<u>856</u>	<u>26.1</u>	859	26.0	836	26.7	2	<u>856</u>	<u>26.1</u>	859	26.0	836	26.7
482.sphinx3	2	1367	28.5	<u>1370</u>	<u>28.5</u>	1372	28.4	2	1367	28.5	<u>1370</u>	<u>28.5</u>	1372	28.4

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

Operating System Notes

'ulimit -s unlimited' was used to set the stacksize to unlimited prior to run

General Notes



SPEC CFP2006 Result

Copyright 2006-2014 Standard Performance Evaluation Corporation

Acer Incorporated

SPECfp_rate2006 = 25.8

Acer Altos G330 (Intel Xeon 3070, 2.66 GHz)

SPECfp_rate_base2006 = 25.3

CPU2006 license: 97

Test sponsor: Acer Incorporated

Tested by: Acer Incorporated

Test date: Apr-2007

Hardware Availability: Nov-2006

Software Availability: Nov-2006

Base Compiler Invocation

C benchmarks:

icc

C++ benchmarks:

icpc

Fortran benchmarks:

ifort

Benchmarks using both Fortran and C:

icc ifort

Base Portability Flags

410.bwaves: -DSPEC_CPU_LP64
416.gamess: -DSPEC_CPU_LP64
433.milc: -DSPEC_CPU_LP64
434.zeusmp: -DSPEC_CPU_LP64
435.gromacs: -DSPEC_CPU_LP64 -nofor_main
436.cactusADM: -DSPEC_CPU_LP64 -nofor_main
437.leslie3d: -DSPEC_CPU_LP64
444.namd: -DSPEC_CPU_LP64
447.dealII: -DSPEC_CPU_LP64
450.soplex: -DSPEC_CPU_LP64
453.povray: -DSPEC_CPU_LP64
454.calculix: -DSPEC_CPU_LP64 -nofor_main
459.GemsFDTD: -DSPEC_CPU_LP64
465.tonto: -DSPEC_CPU_LP64
470.lbm: -DSPEC_CPU_LP64
481.wrf: -DSPEC_CPU_LP64 -DSPEC_CPU_CASE_FLAG -DSPEC_CPU_LINUX
482.sphinx3: -DSPEC_CPU_LP64

Base Optimization Flags

C benchmarks:

-fast

C++ benchmarks:

-fast

Fortran benchmarks:

-fast

Benchmarks using both Fortran and C:

-fast



SPEC CFP2006 Result

Copyright 2006-2014 Standard Performance Evaluation Corporation

Acer Incorporated

SPECfp_rate2006 = 25.8

Acer Altos G330 (Intel Xeon 3070, 2.66 GHz)

SPECfp_rate_base2006 = 25.3

CPU2006 license: 97

Test sponsor: Acer Incorporated

Tested by: Acer Incorporated

Test date: Apr-2007

Hardware Availability: Nov-2006

Software Availability: Nov-2006

Peak Compiler Invocation

C benchmarks:

icc

C++ benchmarks:

icpc

Fortran benchmarks:

ifort

Benchmarks using both Fortran and C:

icc ifort

Peak Portability Flags

Same as Base Portability Flags

Peak Optimization Flags

C benchmarks:

433.milc: -prof_gen(pass 1) -prof_use(pass 2) -fast -auto_ilp32

470.lbm: Same as 433.milc

482.sphinx3: basepeak = yes

C++ benchmarks:

444.namd: basepeak = yes

447.dealII: -prof_gen(pass 1) -prof_use(pass 2) -fast -auto_ilp32

450.soplex: Same as 447.dealII

453.povray: Same as 447.dealII

Fortran benchmarks:

410.bwaves: -prof_gen(pass 1) -prof_use(pass 2) -fast -auto_ilp32

416.gamess: basepeak = yes

434.zeusmp: basepeak = yes

437.leslie3d: Same as 410.bwaves

Continued on next page



SPEC CFP2006 Result

Copyright 2006-2014 Standard Performance Evaluation Corporation

Acer Incorporated

SPECfp_rate2006 = 25.8

Acer Altos G330 (Intel Xeon 3070, 2.66 GHz)

SPECfp_rate_base2006 = 25.3

CPU2006 license: 97

Test sponsor: Acer Incorporated

Tested by: Acer Incorporated

Test date: Apr-2007

Hardware Availability: Nov-2006

Software Availability: Nov-2006

Peak Optimization Flags (Continued)

459.GemsFDTD: Same as 410.bwaves

465.tonto: Same as 410.bwaves

Benchmarks using both Fortran and C:

435.gromacs: -prof_gen(pass 1) -prof_use(pass 2) -fast -auto_ilp32

436.cactusADM: basepeak = yes

454.calculix: Same as 435.gromacs

481.wrf: basepeak = yes

The flags file that was used to format this result can be browsed at

<http://www.spec.org/cpu2006/flags/Acer-CPU2006-ic91-flags.html>

You can also download the XML flags source by saving the following link:

<http://www.spec.org/cpu2006/flags/Acer-CPU2006-ic91-flags.xml>

SPEC and SPECfp are registered trademarks of the Standard Performance Evaluation Corporation. All other brand and product names appearing in this result are trademarks or registered trademarks of their respective holders.

For questions about this result, please contact the tester.
For other inquiries, please contact webmaster@spec.org.

Tested with SPEC CPU2006 v1.0.
Report generated on Tue Jul 22 12:13:10 2014 by SPEC CPU2006 PS/PDF formatter v6932.
Originally published on 15 May 2007.