

SPEC® CFP2006 Result

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SPECfp®2006 = Not Run

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SPECfp_base2006 = 0.00

CPU2006 license #: -- Test sponsor: -- Test date: July-2019 Hardware Availability: -- Software Availability: --

0 2.00 4.00 6.00 8.00 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 42.0 44.0 46.0 48.0 50.0 52.0 54.0 56.0 58.0

410.bwaves

416.gamess

433.milc

19.5

434.zeusmp

435.gromacs

436.cactusADM

437.leslie3d

444.namd

28.0

447.dealII

47.7

450.soplex

42.2

453.povray

47.1

454.calculix

459.GemsFDTD

465.tonto

470.lbm

57.2

481.wrf

482.sphinx3

45.5

Hardware

CPU Name: --
CPU Characteristics: --
CPU MHz: --
FPU: --
CPU(s) enabled: -1 cores, -1 chips, -1 cores/chip, -1 threads/core
CPU(s) orderable: --
Primary Cache: --
Secondary Cache: --
L3 Cache: --
Other Cache: --
Memory: --

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Software

Operating System: --
Compiler: --
Auto Parallel: --
File System: --
System State: --
Base Pointers: --
Peak Pointers: --
Other Software: --

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Hardware (Continued)

Disk Subsystem: --
Other Hardware: --

Errors

'reportable' flag not set during run
465.tonto base did not have enough runs!
416.gamess base did not have enough runs!
436.cactusADM base did not have enough runs!
459.GemsFDTD base did not have enough runs!
437.leslie3d base did not have enough runs!
481.wrf base did not have enough runs!
410.bwaves base did not have enough runs!
435.gromacs base did not have enough runs!
434.zeusmp base did not have enough runs!
454.calculix base did not have enough runs!
Unknown flags were used! See
<http://www.spec.org/auto/cpu2006/Docs/runspec.html#flagsurl>
for information about how to get rid of this error.

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Results Table

Benchmark	Base						Peak					
	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
410.bwaves												
416.gamess												
433.milc	481	19.1	<u>470</u>	<u>19.5</u>	468	19.6						
434.zeusmp												
435.gromacs												
436.cactusADM												
437.leslie3d												
444.namd	287	28.0	<u>287</u>	<u>28.0</u>	286	28.2						
447.dealII	244	46.9	<u>240</u>	<u>47.7</u>	240	47.8						
450.soplex	198	42.0	197	42.4	<u>198</u>	<u>42.2</u>						
453.povray	<u>113</u>	<u>47.1</u>	113	47.1	113	47.1						
454.calculix												
459.GemsFDTD												
465.tonto												
470.lbm	237	57.9	<u>240</u>	<u>57.2</u>	243	56.6						
481.wrf												
482.sphinx3	435	44.8	<u>428</u>	<u>45.5</u>	420	46.4						

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

General Notes

PORTABILITY=-DSPEC_CPU_LP64 is applied to all benchmarks in base.
C base flags: -O3 -g -funroll-loops
C++ base flags: -O3 -g -funroll-loops
Fortran base flags:

Base Unknown Flags

433.milc: "clang-7" (in CC) "clang-7" (in LD)
"-O3 -g -funroll-loops" (in COPTIMIZE)
444.namd: "clang++-7" (in CXX) "clang++-7" (in LD)
"-O3 -g -funroll-loops" (in CXXOPTIMIZE)
447.dealII: "clang++-7" (in CXX) "clang++-7" (in LD)
"-std=gnu++98 -include cstddef -include cstdlib -include cstring" (in CXXPORTABILITY)
"-O3 -g -funroll-loops" (in CXXOPTIMIZE)
450.soplex: "clang++-7" (in CXX) "clang++-7" (in LD)
"-std=gnu++98" (in CXXPORTABILITY)
"-O3 -g -funroll-loops" (in CXXOPTIMIZE)

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Base Unknown Flags (Continued)

453.povray: "clang++-7" (in CXX) "clang++-7" (in LD)
"-O3 -g -funroll-loops" (in CXXOPTIMIZE)

470.lbm: "clang-7" (in CC) "clang-7" (in LD)
"-O3 -g -funroll-loops" (in COPTIMIZE)

482.sphinx3: "clang-7" (in CC) "clang-7" (in LD)
"-O3 -g -funroll-loops" (in COPTIMIZE)

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