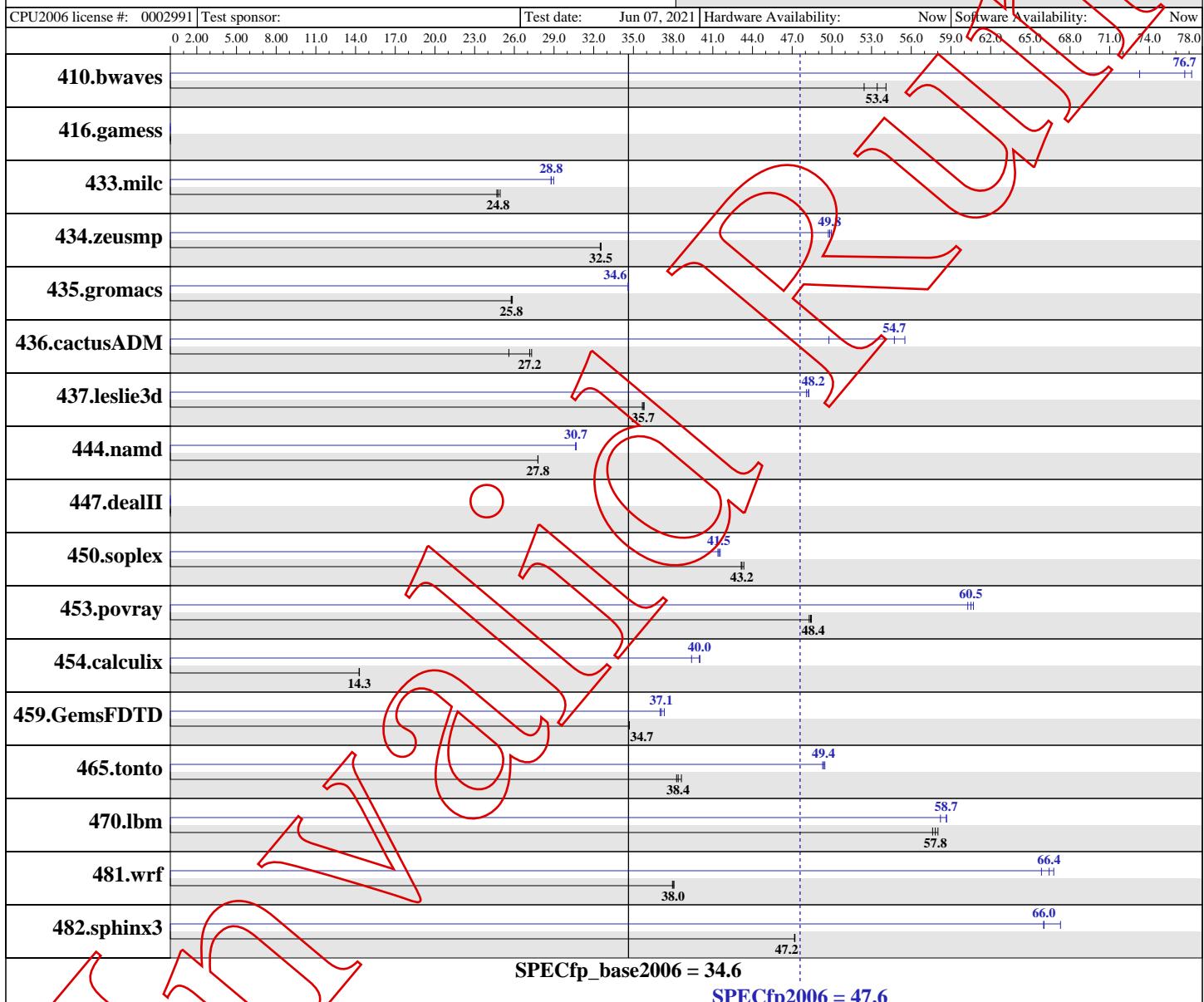


SPEC® CFP2006 Result

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SPECfp®2006 = 47.6

SPECfp_base2006 = 34.6



Hardware

CPU Name: --
CPU Characteristics: --
CPU MHz: 857.834
FPU: Integrated
CPU(s) enabled: 4 cores, -1 chips, -1 cores/chip, -1 threads/core
CPU(s) orderable: --
Primary Cache: --
Secondary Cache: 6144 KB
L3 Cache: --
Other Cache: --
Memory: 16280404 kB

Software

Operating System: Linux 5.3.11-100.fc29.x86_64
Compiler: gcc version 12.0.0 20210608 (experimental) (GCC)
Auto Parallel: --
File System: --
System State: multiuser
Base Pointers: --
Peak Pointers: --
Other Software: --

Continued on next page

SPEC CFP2006 Result

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SPECfp2006 = 47.6

SPECfp_base2006 = 34.6

CPU2006 license #: 0002991 | Test sponsor:

Test date: Jun 07, 2021 | Hardware Availability: Now | Software Availability: Now

--

Hardware (Continued)

Disk Subsystem:
Other Hardware:

Errors

'reportable' flag not set during run
416.gamess base did not have enough runs!
447.dealIII base did not have enough runs!
416.gamess peak did not have enough runs!
447.dealII peak 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.

INVAL

SPEC CFP2006 Result

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SPECfp2006 = 47.6

SPECfp_base2006 = 34.6

CPU2006 license #: 0002991 | Test sponsor:

Test date: Jun 07, 2021 | Hardware Availability:

Now | Software Availability:

Now

Results Table

| Benchmark | Base | | | | | | Peak | | | | | |
|---------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|-------------|-------------|------------|-------------|
| | Seconds | Ratio | Seconds | Ratio | Seconds | Ratio | Seconds | Ratio | Seconds | Ratio | Seconds | Ratio |
| 410.bwaves | 251 | 54.1 | 259 | 52.4 | <u>254</u> | <u>53.4</u> | <u>177</u> | <u>76.7</u> | <u>186</u> | <u>73.3</u> | 176 | 77.2 |
| 416.gamess | 0.00 | 0.00 | | | | | 0.00 | 0.00 | | | | |
| 433.milc | 372 | 24.7 | 368 | 24.9 | <u>371</u> | <u>24.8</u> | <u>317</u> | <u>29.0</u> | 319 | <u>28.8</u> | <u>319</u> | <u>28.8</u> |
| 434.zeusmp | 280 | 32.6 | 280 | 32.5 | <u>280</u> | <u>32.5</u> | <u>183</u> | <u>49.7</u> | <u>183</u> | <u>49.8</u> | 182 | 50.0 |
| 435.gromacs | <u>277</u> | <u>25.8</u> | 277 | 25.8 | 276 | 25.9 | 206 | 34.6 | <u>206</u> | <u>34.6</u> | 206 | 34.6 |
| 436.cactusADM | 438 | 27.3 | <u>440</u> | <u>27.2</u> | 467 | 25.6 | <u>215</u> | <u>55.5</u> | <u>218</u> | <u>54.7</u> | 240 | 49.8 |
| 437.leslie3d | 263 | 35.7 | <u>263</u> | <u>35.7</u> | 262 | 35.8 | 195 | 48.3 | 195 | 48.1 | <u>195</u> | <u>48.2</u> |
| 444.namd | <u>289</u> | <u>27.8</u> | 289 | 27.8 | 289 | 27.8 | 262 | 30.7 | 262 | 30.6 | <u>262</u> | <u>30.7</u> |
| 447.dealII | 0.00 | 0.00 | | | | | 0.00 | 0.00 | | | | |
| 450.soplex | 192 | 43.3 | 193 | 43.1 | <u>193</u> | <u>43.2</u> | <u>201</u> | 41.6 | 202 | 41.4 | <u>201</u> | <u>41.5</u> |
| 453.povray | 110 | 48.3 | 110 | 48.5 | <u>110</u> | <u>48.4</u> | 88.3 | 60.3 | <u>87.9</u> | <u>60.5</u> | 87.6 | 60.7 |
| 454.calculix | 578 | 14.3 | 577 | 14.3 | <u>578</u> | <u>14.3</u> | 209 | 39.4 | <u>206</u> | <u>40.0</u> | 206 | 40.0 |
| 459.GemsFDTD | <u>306</u> | <u>34.7</u> | 306 | 34.7 | 306 | 34.7 | 284 | 37.3 | <u>286</u> | <u>37.1</u> | 287 | 37.0 |
| 465.tonto | 255 | 38.6 | 257 | 38.3 | <u>256</u> | <u>38.4</u> | 199 | 49.5 | <u>199</u> | <u>49.4</u> | 200 | 49.3 |
| 470.lbm | <u>238</u> | <u>57.8</u> | 237 | 58.0 | 238 | 57.6 | <u>234</u> | <u>58.7</u> | 236 | 58.2 | 234 | 58.7 |
| 481.wrf | 293 | 38.1 | <u>294</u> | <u>38.0</u> | 294 | 38.0 | 167 | 66.8 | 170 | 65.8 | <u>168</u> | <u>66.4</u> |
| 482.sphinx3 | 413 | 47.2 | 413 | 47.2 | <u>413</u> | <u>47.2</u> | 290 | 67.3 | <u>295</u> | <u>66.0</u> | 295 | 66.0 |

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

General Notes

Base flags: -O2 -mtune=generic

Peak flags: -Ofast -mtune=corei7 -march=core-avx2 -floop-

PORTABILITY=-DSPEC_CPU_LP64 is applied to all benchmarks.

Base Unknown Flags

410.bwaves: "/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gfortran -fallow-argument-mismatch" (in FC)
 "/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gfortran -fallow-argument-mismatch
 " -fno-stack-arrays" (in FPORTABILITY)
 "-O2 -mtune=generic" (in FOPTIMIZE)

433.milc: "/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gcc -fcommon" (in CC)
 "/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gcc -fcommon
 "-O2 -mtune=generic" (in COPTIMIZE)

434.zeusmp: "/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gfortran -fallow-argument-mismatch" (in FC)
 "/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gfortran -fallow-argument-mismatch
 "-O2 -mtune=generic" (in FOPTIMIZE)

435.gromacs: "/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gfortran -fallow-argument-mismatch" (in FC)
 "/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gcc -fcommon
 "/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gfortran -fallow-argument-mismatch

Continued on next page

SPEC CFP2006 Result

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SPECfp2006 = 47.6

SPECfp_base2006 = 34.6

--

CPU2006 license #: 0002991 | Test sponsor: | Test date: Jun 07, 2021 | Hardware Availability: Now | Software Availability: Now

Base Unknown Flags (Continued)

435.gromacs (continued):

"-O2 -mtune=generic" (in FOPTIMIZE)
"-O2 -mtune=generic" (in COPTIMIZE)

436.cactusADM: "/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gfortran -fallow-argument-mismatch" (in FC)
"/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gcc -fcommon
"/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gfortran -fallow-argument-mismatch
"-O2 -mtune=generic" (in FOPTIMIZE)
"-O2 -mtune=generic" (in COPTIMIZE)

437.leslie3d: "/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gfortran -fallow-argument-mismatch" (in FC)
"/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gfortran -fallow-argument-mismatch
"-O2 -mtune=generic" (in FOPTIMIZE)

444.namd: "/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/g++ -fcommon" (in CXX)
"/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/g++ -fcommon
"-O2 -mtune=generic" (in CXXOPTIMIZE)

450.soplex: "/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/g++ -fcommon" (in CXX)
"/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/g++ -fcommon
"-O2 -mtune=generic" (in CXXOPTIMIZE)

453.povray: "/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/g++ -fcommon" (in CXX)
"/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/g++ -fcommon
"-O2 -mtune=generic" (in CXXOPTIMIZE)

454.calculix: "/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gfortran -fallow-argument-mismatch" (in FC)
"/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gcc -fcommon
"/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gfortran -fallow-argument-mismatch
"-O2 -mtune=generic" (in FOPTIMIZE)
"-O2 -mtune=generic" (in COPTIMIZE)

459.GemsFDTD: "/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gfortran -fallow-argument-mismatch" (in FC)
"/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gfortran -fallow-argument-mismatch
"-O2 -mtune=generic" (in FOPTIMIZE)

465.topo: "/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gfortran -fallow-argument-mismatch" (in FC)
"/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gfortran -fallow-argument-mismatch
"-O2 -mtune=generic" (in FOPTIMIZE)

470.lbm: "/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gcc -fcommon" (in CC)
"/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gcc -fcommon
"-O2 -mtune=generic" (in COPTIMIZE)

481.wrf: "/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gfortran -fallow-argument-mismatch" (in FC)
"/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gcc -fcommon
"/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gfortran -fallow-argument-mismatch
"-fno-stack-arrays" (in FPORTABILITY)
"-O2 -mtune=generic" (in FOPTIMIZE)
"-O2 -mtune=generic" (in COPTIMIZE)

482.sphinx3: "/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gcc -fcommon" (in CC)
"/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gcc -fcommon
"-O2 -mtune=generic" (in COPTIMIZE)

Continued on next page

SPEC CFP2006 Result

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SPECfp2006 = 47.6

SPECfp_base2006 = 34.6

--

CPU2006 license #: 0002991 Test sponsor:

Test date: Jun 07, 2021 Hardware Availability:

Now

Software Availability:

Now

Base Unknown Flags (Continued)

Peak Unknown Flags

- 410.bwaves: "/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gfortran -fallow-argument-mismatch" (in FC)
"/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gfortran -fallow-argument-mismatch
"-fno-stack-arrays" (in FPORTABILITY)
"-O2 -mtune=generic" (in FOPTIMIZE)
- 433.milc: "/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gcc -fcommon" (in CC)
"/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gcc -fcommon
"-O2 -mtune=generic" (in COPTIMIZE)
- 434.zeusmp: "/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gfortran -fallow-argument-mismatch" (in FC)
"/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gfortran -fallow-argument-mismatch
"-O2 -mtune=generic" (in FOPTIMIZE)
- 435.gromacs: "/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gfortran -fallow-argument-mismatch" (in FC)
"/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gcc -fcommon
"/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gfortran -fallow-argument-mismatch
"-O2 -mtune=generic" (in FOPTIMIZE)
"-O2 -mtune=generic" (in COPTIMIZE)
- 436.cactusADM: "/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gfortran -fallow-argument-mismatch" (in FC)
"/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gcc -fcommon
"/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gfortran -fallow-argument-mismatch
"-O2 -mtune=generic" (in FOPTIMIZE)
"-O2 -mtune=generic" (in COPTIMIZE)
- 437.leslie3d: "/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gfortran -fallow-argument-mismatch" (in FC)
"/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gfortran -fallow-argument-mismatch
"-O2 -mtune=generic" (in FOPTIMIZE)
- 444.namd: "/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/g++ -fcommon" (in CXX)
"/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/g++ -fcommon
"-O2 -mtune=generic" (in CXXOPTIMIZE)
- 450.soplex: "/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/g++ -fcommon" (in CXX)
"/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/g++ -fcommon
"-O2 -mtune=generic" (in CXXOPTIMIZE)
- 453.povray: "/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/g++ -fcommon" (in CXX)
"/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/g++ -fcommon
"-O2 -mtune=generic" (in CXXOPTIMIZE)
- 454.calculix: "/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gfortran -fallow-argument-mismatch" (in FC)
"/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gcc -fcommon
"/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gfortran -fallow-argument-mismatch
"-O2 -mtune=generic" (in FOPTIMIZE)
"-O2 -mtune=generic" (in COPTIMIZE)

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SPEC CFP2006 Result

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SPECfp2006 = 47.6

SPECfp_base2006 = 34.6

--

CPU2006 license #: 0002991 | Test sponsor: | Test date: Jun 07, 2021 | Hardware Availability: Now | Software Availability: Now

Peak Unknown Flags (Continued)

459.GemsFDTD: "/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gfortran -fallow-argument-mismatch" (in FC)
"/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gfortran -fallow-argument-mismatch
"-O2 -mtune=generic" (in FOPTIMIZE)

465.tonto: "/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gfortran -fallow-argument-mismatch" (in FC)
"/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gfortran -fallow-argument-mismatch
"-O2 -mtune=generic" (in FOPTIMIZE)

470.lbm: "/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gcc -fcommon" (in CC)
"/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gcc -fcommon
"-O2 -mtune=generic" (in COPTIMIZE)

481.wrf: "/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gfortran -fallow-argument-mismatch" (in FC)
"/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gcc -fcommon
"/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gfortran -fallow-argument-mismatch
"-fno-stack-arrays" (in FPORTABILITY)
"-O2 -mtune=generic" (in FOPTIMIZE)
"-O2 -mtune=generic" (in COPTIMIZE)

482.sphinx3: "/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gcc -fcommon" (in CC)
"/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gcc -fcommon
"-O2 -mtune=generic" (in COPTIMIZE)

410.bwaves: "/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gfortran -fallow-argument-mismatch" (in FC)
"/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gfortran -fallow-argument-mismatch
"-fno-stack-arrays" (in FPORTABILITY)
"-Ofast -mtune=corei7 -march=core-avx2 -flto" (in FOPTIMIZE)

433.milc: "/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gcc -fcommon" (in CC)
"/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gcc -fcommon
"-Ofast -mtune=corei7 -march=core-avx2 -flto" (in COPTIMIZE)

434.zeusmp: "/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gfortran -fallow-argument-mismatch" (in FC)
"/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gfortran -fallow-argument-mismatch
"-Ofast -mtune=corei7 -march=core-avx2 -flto" (in FOPTIMIZE)

435.gromacs: "/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gfortran -fallow-argument-mismatch" (in FC)
"/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gcc -fcommon
"/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gfortran -fallow-argument-mismatch
"-Ofast -mtune=corei7 -march=core-avx2 -flto" (in FOPTIMIZE)
"-Ofast -mtune=corei7 -march=core-avx2 -flto" (in COPTIMIZE)

436.cactusADM: "/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gfortran -fallow-argument-mismatch" (in FC)
"/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gcc -fcommon
"/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gfortran -fallow-argument-mismatch
"-Ofast -mtune=corei7 -march=core-avx2 -flto" (in FOPTIMIZE)
"-Ofast -mtune=corei7 -march=core-avx2 -flto" (in COPTIMIZE)

437.leslie3d: "/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gfortran -fallow-argument-mismatch" (in FC)
"/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gfortran -fallow-argument-mismatch
"-Ofast -mtune=corei7 -march=core-avx2 -flto" (in FOPTIMIZE)

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SPEC CFP2006 Result

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SPECfp2006 = 47.6

SPECfp_base2006 = 34.6

--

CPU2006 license #: 0002991 | Test sponsor: | Test date: Jun 07, 2021 | Hardware Availability: Now | Software Availability: Now

Peak Unknown Flags (Continued)

444.namd: "/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/g++ -fcommon" (in CXX)
"/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/g++ -fcommon
"-Ofast -mtune=corei7 -march=core-avx2 -flto" (in CXLOPTIMIZE)

450.soplex: "/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bjn/g++ -fcommon" (in CXX)
"/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/g++ -fcommon
"-Ofast -mtune=corei7 -march=core-avx2 -flto" (in CXLOPTIMIZE)

453.povray: "/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/g++ -fcommon" (in CXX)
"/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/g++ -fcommon
"-Ofast -mtune=corei7 -march=core-avx2 -flto" (in CXLOPTIMIZE)

454.calculix: "/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gfortran -fallow-argument-mismatch" (in FC)
"/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gcc -fcommon
"/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gfortran -fallow-argument-mismatch
"-Ofast -mtune=corei7 -march=core-avx2 -flto" (in FOPTIMIZE)
"-Ofast -mtune=corei7 -march=core-avx2 -flto" (in COPTIMIZE)

459.GemsFDTD: "/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gfortran -fallow-argument-mismatch" (in FC)
"/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gfortran -fallow-argument-mismatch
"-Ofast -mtune=corei7 -march=core-avx2 -flto" (in FOPTIMIZE)

465.tonto: "/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gfortran -fallow-argument-mismatch" (in FC)
"/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gfortran -fallow-argument-mismatch
"-Ofast -mtune=corei7 -march=core-avx2 -flto" (in FOPTIMIZE)

470.lbm: "/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gcc -fcommon" (in CC)
"/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gcc -fcommon
"-Ofast -mtune=corei7 -march=core-avx2 -flto" (in COPTIMIZE)

481.wrf: "/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gfortran -fallow-argument-mismatch" (in FC)
"/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gcc -fcommon
"/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gfortran -fallow-argument-mismatch
"-fno-stack-arrays" (in FPORTABILITY)
"-Ofast -mtune=corei7 -march=core-avx2 -flto" (in FOPTIMIZE)
"-Ofast -mtune=corei7 -march=core-avx2 -flto" (in COPTIMIZE)

482.sphinx3: "/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gcc -fcommon" (in CC)
"/notnfs/vmakarov/perf/sbox/gcc/local.spec2006.x86_64/inst.topka/bin/gcc -fcommon
"-Ofast -mtune=corei7 -march=core-avx2 -flto" (in COPTIMIZE)

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