



www.phoronix-test-suite.com

5800x-fclk

AMD Ryzen 7 5800X testing with an ASRock X570M Pro4 (P3.60 BIOS, DDR4-3600, 27-27-27-58) and Dell Radeon RX 580 4 GB on Ubuntu 21.10 via the Phoronix Test Suite.

Test Systems:

FClk 1,800 MHz

Processor: AMD Ryzen 7 5800X 8-Core @ 3.80GHz (8 Cores / 16 Threads), Motherboard: ASRock X570M Pro4 (P3.60 BIOS), Chipset: AMD Starship/Matisse, Memory: 16GB, Disk: 1000GB Western Digital WDS100T2B0C-00PXH0, Graphics: AMD Radeon RX 470/480/570/570X/580/580X/590 4GB (1266/1750MHz), Audio: AMD Ellesmere HDMI Audio, Monitor: DELL P2415Q, Network: Intel I211 + Intel-AC 9260

OS: Ubuntu 21.10, Kernel: 5.13.0-21-generic (x86_64), Desktop: GNOME Shell 40.5, Display Server: X Server + Wayland, OpenGL: 4.6 Mesa 21.2.2 (LLVM 12.0.1), Vulkan: 1.2.182, Compiler: GCC 10.3.0, File-System: ext4, Screen Resolution: 3840x2160

Kernel Notes: Transparent Huge Pages: madvise

Compiler Notes: --build=x86_64-linux-gnu --disable-vtable-verify --disable-werror --enable-bootstrap --enable-checking=release --enable-clocale-gnu --enable-default-pie

```
--enable-gnu-unique-object --enable-languages=c,ada,c++,go,brig,d,fortran,objc,obj-c++,m2      --enable-libphobos-checking=release      --enable-libstdcxx-debug
--enable-libstdcxx-time=yes      --enable-link-mutex      --enable-multiarch      --enable-multilib      --enable-nls      --enable-objc-gc=auto
--enable-offload-targets=nvptx-none=/build/gcc-10-h9G0XI/gcc-10-10.3.0/debian/tmp-nvptx/usr,amdgcn-amdhsa=/build/gcc-10-h9G0XI/gcc-10-10.3.0/debian/tmp-gcn/usr,h
sa      --enable-plugin      --enable-shared      --enable-threads=posix      --host=x86_64-linux-gnu      --program-prefix=x86_64-linux-gnu-      --target=x86_64-linux-gnu      --with-abi=m64
--with-arch-32=i686      --with-build-config=bootstrap-lto-lean      --with-default-libstdcxx-abi=new      --with-gcc-major-version-only      --with-multilib-list=m32,m64,mx32
--with-target-system-zlib=auto      --with-tune=generic      --without-cuda-driver -v
```

Processor Notes: Scaling Governor: acpi-cpufreq performance (Boost: Enabled) - CPU Microcode: 0xa201016

Python Notes: Python 3.9.7

Security Notes: itlb_multihit: Not affected + l1tf: Not affected + mds: Not affected + meltdown: Not affected + spec_store_bypass: Mitigation of SSB disabled via prctl and seccomp + spectre_v1: Mitigation of usercopy/swaps barriers and __user pointer sanitization + spectre_v2: Mitigation of Full AMD retroline IBPB: conditional IBRS_FW STIBP: always-on RSB filling + srbd: Not affected + tsx_async_abort: Not affected

FClk 1,800 MHz

RAMspeed SMP - Add - Integer (MB/s)	32276
Standard Deviation	0.8%
RAMspeed SMP - Copy - Integer (MB/s)	30216
Standard Deviation	1.4%
RAMspeed SMP - Scale - Integer (MB/s)	31109
Standard Deviation	1.1%
RAMspeed SMP - Triad - Integer (MB/s)	32076
Standard Deviation	1.2%
RAMspeed SMP - Average - Integer (MB/s)	31522
Standard Deviation	0.8%
RAMspeed SMP - Add - Floating Point (MB/s)	32669
Standard Deviation	1.3%
RAMspeed SMP - Copy - Floating Point (MB/s)	29935
Standard Deviation	1.4%
RAMspeed SMP - Scale - Floating Point (MB/s)	29891
Standard Deviation	0.6%
RAMspeed SMP - Triad - Floating Point (MB/s)	31832
Standard Deviation	0.2%
RAMspeed SMP - Average - Floating Point (MB/s)	30980
Standard Deviation	0.2%
Tinymembench - Standard Memcpy (MB/s)	27132
Standard Deviation	0.2%
Tinymembench - Standard Memset (MB/s)	28579
Standard Deviation	0%
MBW - Memory Copy - 1024 MiB (MiB/s)	20186
Standard Deviation	0.5%
MBW - M.C.F.B.S - 1024 MiB (MiB/s)	10711
Standard Deviation	7.4%
t-test1 - 1 (sec)	9.789
Standard Deviation	0.4%
t-test1 - 2 (sec)	3.270
Standard Deviation	0.7%
C-Blosc - blosclz (MB/s)	26888
Standard Deviation	0.2%
HPC Challenge - G-HPL (GFLOPS)	103.74475
Standard Deviation	2.2%
Algebraic Multi-Grid Benchmark (Figure Of Merit)	218828933
Standard Deviation	0.1%
simdjson - Kostya (GB/s)	3.57
Standard Deviation	1.1%

simdjson - LargeRand (GB/s)	1.25
Standard Deviation	0%
simdjson - PartialTweets (GB/s)	5.00
Standard Deviation	0.1%
simdjson - DistinctUserID (GB/s)	5.73
Standard Deviation	0.2%
CacheBench - Read Cache (MB/s)	3696
Standard Deviation	0%
CacheBench - Write Cache (MB/s)	35227
Standard Deviation	0.3%
Zstd Compression - 3 - Compression Speed (MB/s)	3263
Standard Deviation	0.6%
Zstd Compression - 3 - D.S (MB/s)	4346
Standard Deviation	0.1%
Zstd Compression - 8 - Compression Speed (MB/s)	707.0
Standard Deviation	1.5%
Zstd Compression - 8 - D.S (MB/s)	4596
Standard Deviation	0.5%
Zstd Compression - 19 - Compression Speed (MB/s)	35.1
Standard Deviation	1%
Zstd Compression - 19 - D.S (MB/s)	4013
Standard Deviation	0.8%
Zstd Compression - 3, Long Mode - Compression Speed (MB/s)	1484
Standard Deviation	1.5%
Zstd Compression - 3, Long Mode - D.S (MB/s)	4706
Standard Deviation	1%
Zstd Compression - 8, Long Mode - Compression Speed (MB/s)	908.3
Standard Deviation	0.8%
Zstd Compression - 8, Long Mode - D.S (MB/s)	4801
Standard Deviation	0.8%
Zstd Compression - 19, Long Mode - Compression Speed (MB/s)	28.8
Standard Deviation	0.3%
Zstd Compression - 19, Long Mode - D.S (MB/s)	4011
Standard Deviation	1.1%
srsRAN - OFDM_Test (Samples / Second)	173640000
Standard Deviation	2.3%
srsRAN - 4.P.1.P.M.6.Q (eNb Mb/s)	487.9
Standard Deviation	1.9%
srsRAN - 4.P.1.P.M.6.Q (UE Mb/s)	170.2
Standard Deviation	3.2%
srsRAN - 4.P.1.P.S.6.Q (eNb Mb/s)	494.7
Standard Deviation	1.5%
srsRAN - 4.P.1.P.S.6.Q (UE Mb/s)	260.8
Standard Deviation	0.5%
srsRAN - 4.P.1.P.M.2.Q (eNb Mb/s)	542.9
Standard Deviation	0.3%
srsRAN - 4.P.1.P.M.2.Q (UE Mb/s)	182.8
Standard Deviation	0.7%
srsRAN - 4.P.1.P.S.2.Q (eNb Mb/s)	541.9
Standard Deviation	2.4%
srsRAN - 4.P.1.P.S.2.Q (UE Mb/s)	312.4
Standard Deviation	0.6%
srsRAN - 5.P.T.5.P.S.6.Q (eNb Mb/s)	164.8

	Standard Deviation	1.1%
srsRAN - 5.P.T.5.P.S.6.Q (UE Mb/s)	78.7	
	Standard Deviation	0.6%
srsRAN - 5.P.T.2.P.S.2.Q (eNb Mb/s)	179.1	
	Standard Deviation	0.7%
srsRAN - 5.P.T.2.P.S.2.Q (UE Mb/s)	102.8	
	Standard Deviation	0.6%
ArrayFire - BLAS CPU (GFLOPS)	380.996	
	Standard Deviation	0.3%
ACES DGEMM - S.F.P.R (GFLOP/s)	5.514875	
	Standard Deviation	1.2%
Timed Apache Compilation - Time To Compile (sec)	15.446	
	Standard Deviation	0.4%
Timed Clash Compilation - Time To Compile (sec)	2.132	
Timed FFmpeg Compilation - Time To Compile (sec)	43.722	
	Standard Deviation	0.1%
Timed GCC Compilation - Time To Compile (sec)	834.292	
	Standard Deviation	0.2%
Timed GDB GNU Debugger Compilation - Time To Compile (sec)	49.731	
	Standard Deviation	0%
Timed Godot Game Engine Compilation - Time To Compile (sec)	107.353	
	Standard Deviation	0.2%
Timed ImageMagick Compilation - Time To Compile (sec)	23.920	
	Standard Deviation	0.3%
Timed Linux Kernel Compilation - Time To Compile (sec)	73.644	
	Standard Deviation	0.6%
Timed LLVM Compilation - Ninja (sec)	607.559	
	Standard Deviation	0%
Timed LLVM Compilation - Unix Makefiles (sec)	625.821	
	Standard Deviation	0.6%
Timed Mesa Compilation - Time To Compile (sec)	42.677	
	Standard Deviation	0.3%
Timed MPlayer Compilation - Time To Compile (sec)	27.688	
	Standard Deviation	0.2%
Timed Node.js Compilation - Time To Compile (sec)	381.329	
	Standard Deviation	0%
Timed PHP Compilation - Time To Compile (sec)	44.768	
	Standard Deviation	0.2%
Build2 - Time To Compile (sec)	114.588	
	Standard Deviation	0.3%
Timed Eigen Compilation - Time To Compile (sec)	50.667	
	Standard Deviation	0.1%
Timed Erlang/OTP Compilation - Time To Compile (sec)	88.618	
	Standard Deviation	0.1%
Timed Wasmer Compilation - Time To Compile (sec)	51.330	
	Standard Deviation	1%
Node.js V8 Web Tooling Benchmark (runs/s)	16.49	
	Standard Deviation	2.1%
Cryptsetup - PBKDF2-sha512 (Iterations/sec)	2402345	
	Standard Deviation	0.8%
Cryptsetup - PBKDF2-whirlpool (Iterations/sec)	875303	
	Standard Deviation	0.7%
Cryptsetup - A.X.2.E (MiB/s)	5431	

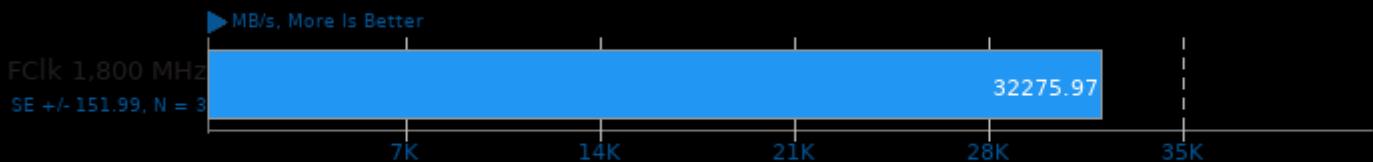
	Standard Deviation	0.4%
Cryptsetup - A.X.2.D (MiB/s)	5430	
	Standard Deviation	0.6%
Cryptsetup - S.X.2.E (MiB/s)	960.3	
	Standard Deviation	0.2%
Cryptsetup - S.X.2.D (MiB/s)	946.0	
	Standard Deviation	0.5%
Cryptsetup - T.X.2.E (MiB/s)	508.7	
	Standard Deviation	0.2%
Cryptsetup - T.X.2.D (MiB/s)	519.6	
	Standard Deviation	0.4%
Cryptsetup - A.X.5.E (MiB/s)	4571	
	Standard Deviation	1%
Cryptsetup - A.X.5.D (MiB/s)	4591	
	Standard Deviation	0.6%
Cryptsetup - S.X.5.E (MiB/s)	962.3	
	Standard Deviation	0.5%
Cryptsetup - S.X.5.D (MiB/s)	946.3	
	Standard Deviation	0.5%
Cryptsetup - T.X.5.E (MiB/s)	509.3	
	Standard Deviation	0.5%
Cryptsetup - T.X.5.D (MiB/s)	519.3	
	Standard Deviation	0.5%
SQLite Speedtest - Timed Time - Size 1,000 (sec)	44.475	
	Standard Deviation	0.2%
PyBench - T.F.A.T.T (Milliseconds)	760	
	Standard Deviation	0.7%
PyPerformance - go (Milliseconds)	185	
	Standard Deviation	0.3%
PyPerformance - 2to3 (Milliseconds)	236	
	Standard Deviation	0%
PyPerformance - chaos (Milliseconds)	80.7	
	Standard Deviation	0.9%
PyPerformance - float (Milliseconds)	82.2	
	Standard Deviation	0.3%
PyPerformance - nbody (Milliseconds)	91.9	
	Standard Deviation	0.4%
PyPerformance - pathlib (Milliseconds)	12.6	
	Standard Deviation	0.8%
PyPerformance - raytrace (Milliseconds)	345	
	Standard Deviation	0.5%
PyPerformance - json.loads (Milliseconds)	17	
	Standard Deviation	0%
PyPerformance - crypto_pyaes (Milliseconds)	76.9	
	Standard Deviation	0.4%
PyPerformance - regex_compile (Milliseconds)	127	
	Standard Deviation	0.8%
PyPerformance - python_startup (Milliseconds)	5.53	
	Standard Deviation	0.1%
PyPerformance - django_template (Milliseconds)	34.9	
	Standard Deviation	0.5%
PyPerformance - pickle_pure_python (Milliseconds)	329	
	Standard Deviation	0.5%

Git - T.T.C.C.G.C (sec) 37.810

Standard Deviation 0.6%

RAMspeed SMP 3.5.0

Type: Add - Benchmark: Integer



1. (CC) gcc options: -O3 -march=native

RAMspeed SMP 3.5.0

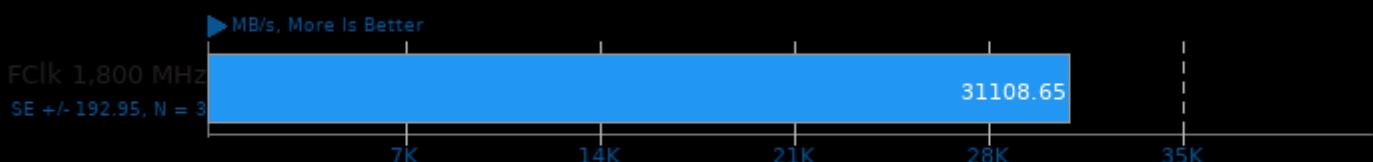
Type: Copy - Benchmark: Integer



1. (CC) gcc options: -O3 -march=native

RAMspeed SMP 3.5.0

Type: Scale - Benchmark: Integer



1. (CC) gcc options: -O3 -march=native

RAMspeed SMP 3.5.0

Type: Triad - Benchmark: Integer



1. (CC) gcc options: -O3 -march=native

RAMspeed SMP 3.5.0

Type: Average - Benchmark: Integer



1. (CC) gcc options: -O3 -march=native

RAMspeed SMP 3.5.0

Type: Add - Benchmark: Floating Point



1. (CC) gcc options: -O3 -march=native

RAMspeed SMP 3.5.0

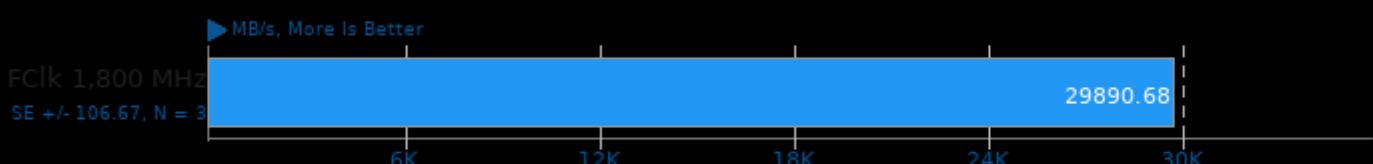
Type: Copy - Benchmark: Floating Point



1. (CC) gcc options: -O3 -march=native

RAMspeed SMP 3.5.0

Type: Scale - Benchmark: Floating Point



1. (CC) gcc options: -O3 -march=native

RAMspeed SMP 3.5.0

Type: Triad - Benchmark: Floating Point



1. (CC) gcc options: -O3 -march=native

RAMspeed SMP 3.5.0

Type: Average - Benchmark: Floating Point



1. (CC) gcc options: -O3 -march=native

Tinymembench 2018-05-28

Standard Memcpy

**Tinymembench 2018-05-28**

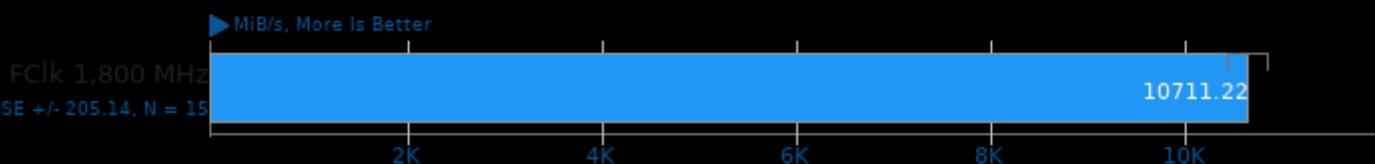
Standard Memset

**MBW 2018-09-08**

Test: Memory Copy - Array Size: 1024 MiB

**MBW 2018-09-08**

Test: Memory Copy, Fixed Block Size - Array Size: 1024 MiB

**t-test1 2017-01-13**

Threads: 1



t-test1 2017-01-13

Threads: 2



1. (CC) gcc options: -pthread

C-Blosc 2.0

Compressor: blosclz



1. (CC) gcc options: -std=gnu99 -O3 -frt -lm

HPC Challenge 1.5.0

Test / Class: G-HPL



1. (CC) gcc options: -lblas -lm -lmpi -fomit-frame-pointer -funroll-loops
2. ATLAS + Open MPI 4.1.0

Algebraic Multi-Grid Benchmark 1.2



1. (CC) gcc options: -lparcsr_ls -lparcsr_mv -lseq_mv -lj_mv -lkrylov -lHYPRE_utilities -lm -fopenmp -lmpi

simdjson 1.0

Throughput Test: Kostya



1. (CXX) g++ options: -O3

simdjson 1.0

Throughput Test: LargeRandom



1. (CXX) g++ options: -O3

simdjson 1.0

Throughput Test: PartialTweets



1. (CXX) g++ options: -O3

simdjson 1.0

Throughput Test: DistinctUserID



1. (CXX) g++ options: -O3

CacheBench

Read Cache



1. (CC) gcc options: -lrt

CacheBench

Write Cache



1. (CC) gcc options: -lrt

Zstd Compression 1.5.0

Compression Level: 3 - Compression Speed



1. (CC) gcc options: -O3 -pthread -lz -lizma

Zstd Compression 1.5.0

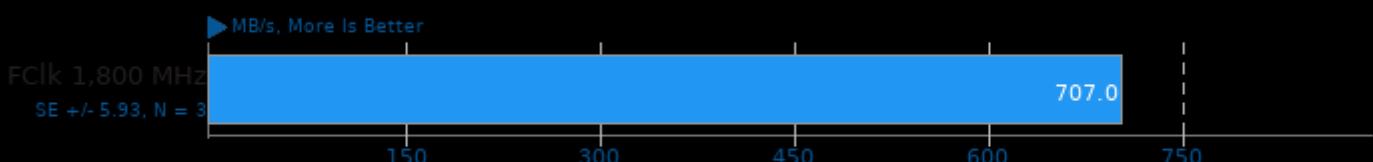
Compression Level: 3 - Decompression Speed



1. (CC) gcc options: -O3 -pthread -lz -lizma

Zstd Compression 1.5.0

Compression Level: 8 - Compression Speed



1. (CC) gcc options: -O3 -pthread -lz -lizma

Zstd Compression 1.5.0

Compression Level: 8 - Decompression Speed



1. (CC) gcc options: -O3 -pthread -lz -lizma

Zstd Compression 1.5.0

Compression Level: 19 - Compression Speed



1. (CC) gcc options: -O3 -pthread -lz -lizma

Zstd Compression 1.5.0

Compression Level: 19 - Decompression Speed



1. (CC) gcc options: -O3 -pthread -lz -lizma

Zstd Compression 1.5.0

Compression Level: 3, Long Mode - Compression Speed



1. (CC) gcc options: -O3 -pthread -lz -lizma

Zstd Compression 1.5.0

Compression Level: 3, Long Mode - Decompression Speed



1. (CC) gcc options: -O3 -pthread -lz -lizma

Zstd Compression 1.5.0

Compression Level: 8, Long Mode - Compression Speed



1. (CC) gcc options: -O3 -pthread -lz -lizma

Zstd Compression 1.5.0

Compression Level: 8, Long Mode - Decompression Speed



1. (CC) gcc options: -O3 -pthread -lz -lizma

Zstd Compression 1.5.0

Compression Level: 19, Long Mode - Compression Speed



1. (CC) gcc options: -O3 -pthread -lz -lizma

Zstd Compression 1.5.0

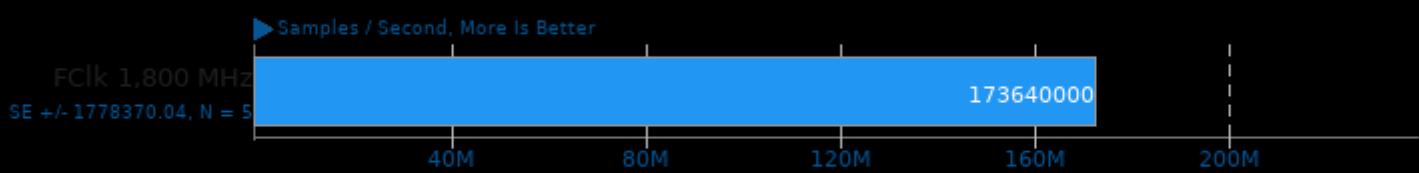
Compression Level: 19, Long Mode - Decompression Speed



1. (CC) gcc options: -O3 -pthread -lz -lizma

srsRAN 21.04

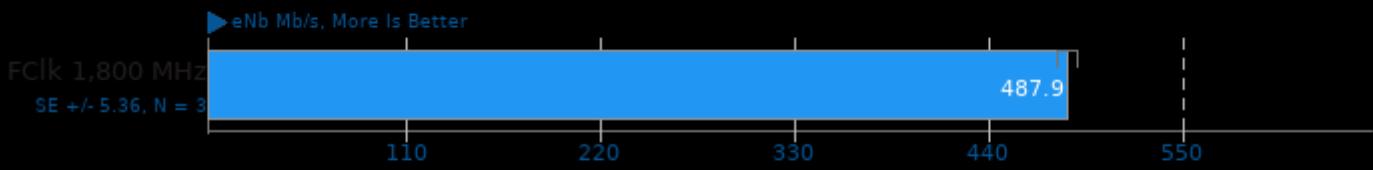
Test: OFDM_Test



1. (CXX) g++ options: -std=c++11 -fno-strict-aliasing -march=native -mfpmath=sse -mavx2 -fvisibility=hidden -O3 -fno-trapping-math -fno-math-errno

SrsRAN 21.04

Test: 4G PHY_DL_Test 100 PRB MIMO 64-QAM



1. (CXX) g++ options: -std=c++11 -fno-strict-aliasing -march=native -mfpmath=sse -mavx2 -fvisibility=hidden -O3 -fno-trapping-math -fno-math-errno

srsRAN 21.04

Test: 4G PHY_DL_Test 100 PRB MIMO 64-QAM



1. (CXX) g++ options: -std=c++11 -fno-strict-aliasing -march=native -mfpmath=sse -mavx2 -fvisibility=hidden -O3 -fno-trapping-math -fno-math-errno

srsRAN 21.04

Test: 4G PHY_DL_Test 100 PRB SISO 64-QAM



1. (CXX) g++ options: -std=c++11 -fno-strict-aliasing -march=native -mfpmath=sse -mavx2 -fvisibility=hidden -O3 -fno-trapping-math -fno-math-errno

srsRAN 21.04

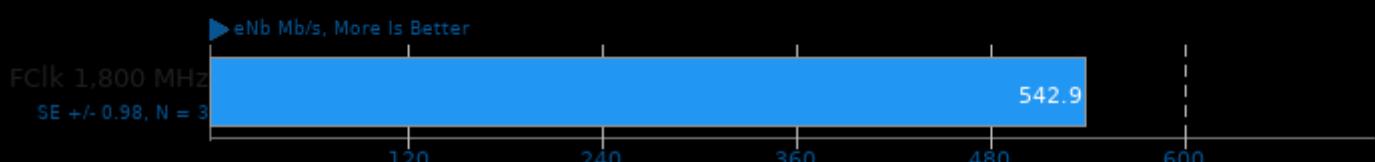
Test: 4G PHY_DL_Test 100 PRB SISO 64-QAM



1. (CXX) g++ options: -std=c++11 -fno-strict-aliasing -march=native -mfpmath=sse -mavx2 -fvisibility=hidden -O3 -fno-trapping-math -fno-math-errno

srsRAN 21.04

Test: 4G PHY_DL_Test 100 PRB MIMO 256-QAM



1. (CXX) g++ options: -std=c++11 -fno-strict-aliasing -march=native -mfpmath=sse -mavx2 -fvisibility=hidden -O3 -fno-trapping-math -fno-math-errno

srsRAN 21.04

Test: 4G PHY_DL_Test 100 PRB MIMO 256-QAM



1. (CXX) g++ options: -std=c++11 -fno-strict-aliasing -march=native -mfpmath=sse -mavx2 -fvisibility=hidden -O3 -fno-trapping-math -fno-math-errno

srsRAN 21.04

Test: 4G PHY_DL_Test 100 PRB SISO 256-QAM



1. (CXX) g++ options: -std=c++11 -fno-strict-aliasing -march=native -mfpmath=sse -mavx2 -fvisibility=hidden -O3 -fno-trapping-math -fno-math-errno

srsRAN 21.04

Test: 4G PHY_DL_Test 100 PRB SISO 256-QAM



1. (CXX) g++ options: -std=c++11 -fno-strict-aliasing -march=native -mfpmath=sse -mavx2 -fvisibility=hidden -O3 -fno-trapping-math -fno-math-errno

srsRAN 21.04

Test: 5G PHY_DL_NR Test 52 PRB SISO 64-QAM



1. (CXX) g++ options: -std=c++11 -fno-strict-aliasing -march=native -mfpmath=sse -mavx2 -fvisibility=hidden -O3 -fno-trapping-math -fno-math-errno

srsRAN 21.04

Test: 5G PHY_DL_NR Test 52 PRB SISO 64-QAM



1. (CXX) g++ options: -std=c++11 -fno-strict-aliasing -march=native -mfpmath=sse -mavx2 -fvisibility=hidden -O3 -fno-trapping-math -fno-math-errno

srsRAN 21.04

Test: 5G PHY_DL_NR Test 270 PRB SISO 256-QAM



1. (CXX) g++ options: -std=c++11 -fno-strict-aliasing -march=native -mfpmath=sse -mavx2 -fvisibility=hidden -O3 -fno-trapping-math -fno-math-errno

srsRAN 21.04

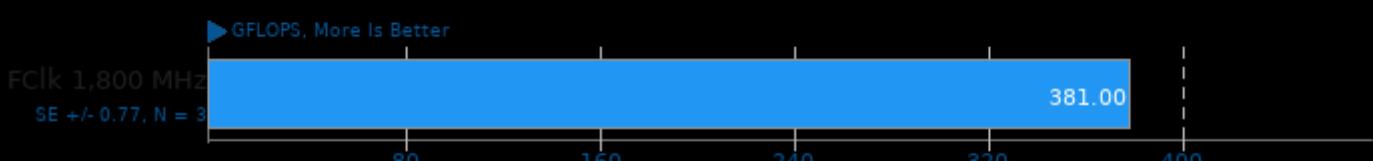
Test: 5G PHY_DL_NR Test 270 PRB SISO 256-QAM



1. (CXX) g++ options: -std=c++11 -fno-strict-aliasing -march=native -mfpmath=sse -mavx2 -fvisibility=hidden -O3 -fno-trapping-math -fno-math-errno

ArrayFire 3.7

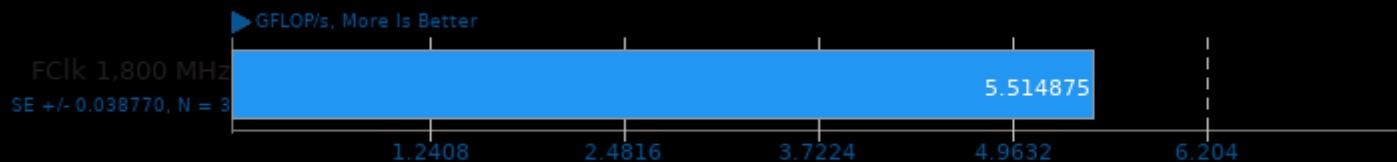
Test: BLAS CPU



1. (CXX) g++ options: -rdynamic

ACES DGEMM 1.0

Sustained Floating-Point Rate



1. (CC) gcc options: -O3 -march=native -fopenmp

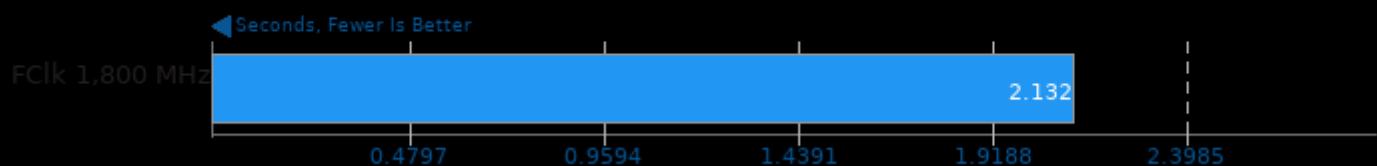
Timed Apache Compilation 2.4.41

Time To Compile



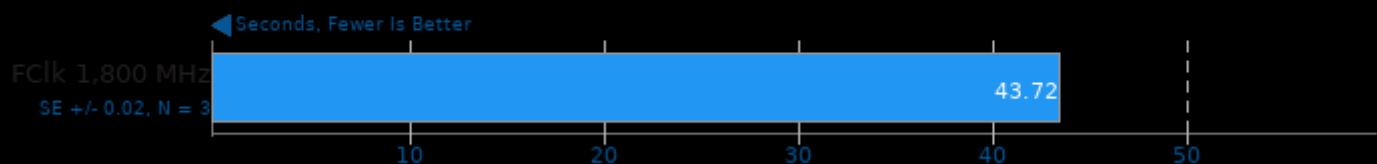
Timed Clash Compilation

Time To Compile



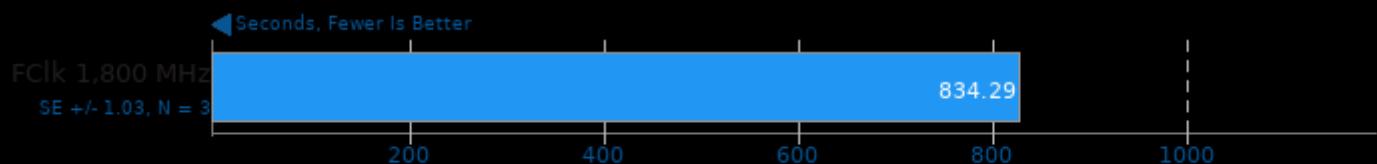
Timed FFmpeg Compilation 4.4

Time To Compile



Timed GCC Compilation 11.2.0

Time To Compile



Timed GDB GNU Debugger Compilation 10.2

Time To Compile



Timed Godot Game Engine Compilation 3.2.3

Time To Compile



Timed ImageMagick Compilation 6.9.0

Time To Compile



Timed Linux Kernel Compilation 5.14

Time To Compile



Timed LLVM Compilation 13.0

Build System: Ninja



Timed LLVM Compilation 13.0

Build System: Unix Makefiles



Timed Mesa Compilation 21.0

Time To Compile



Timed MPlayer Compilation 1.4

Time To Compile



Timed Node.js Compilation 15.11

Time To Compile



Timed PHP Compilation 7.4.2

Time To Compile



Build2 0.13

Time To Compile



Timed Eigen Compilation 3.3.9

Time To Compile



Timed Erlang/OTP Compilation 23.2

Time To Compile



Timed Wasmer Compilation 1.0.2

Time To Compile



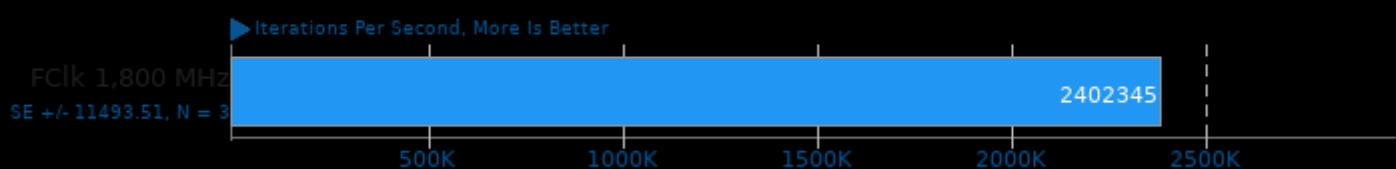
1. (CC) gcc options: -m64 -pie -nodefaultlibs -ldl -lgcc_s -util -lrt -lpthread -lm -lc

Node.js V8 Web Tooling Benchmark

1. Nodejs
v12.22.5

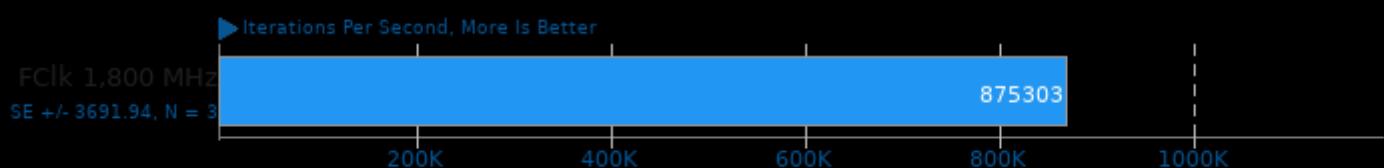
Cryptsetup

PBKDF2-sha512



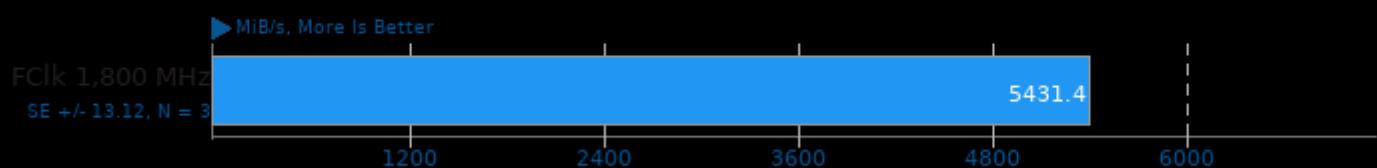
Cryptsetup

PBKDF2-whirlpool



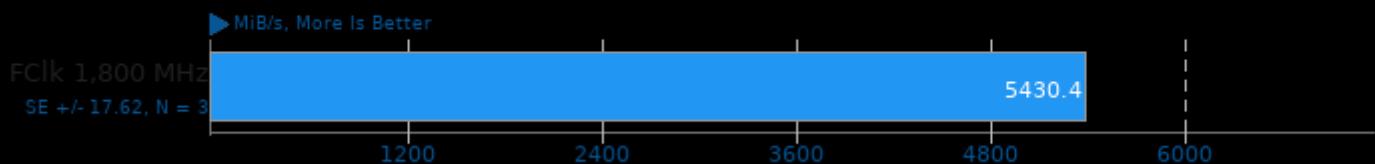
Cryptsetup

AES-XTS 256b Encryption

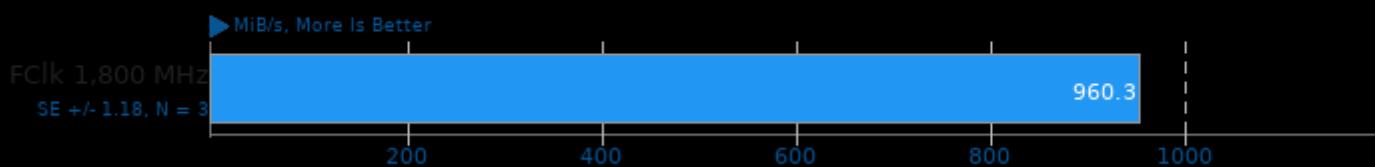


Cryptsetup

AES-XTS 256b Decryption

**Cryptsetup**

Serpent-XTS 256b Encryption

**Cryptsetup**

Serpent-XTS 256b Decryption

**Cryptsetup**

Twofish-XTS 256b Encryption

**Cryptsetup**

Twofish-XTS 256b Decryption

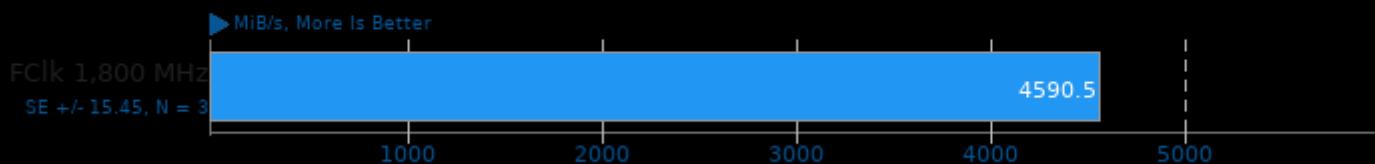
**Cryptsetup**

AES-XTS 512b Encryption

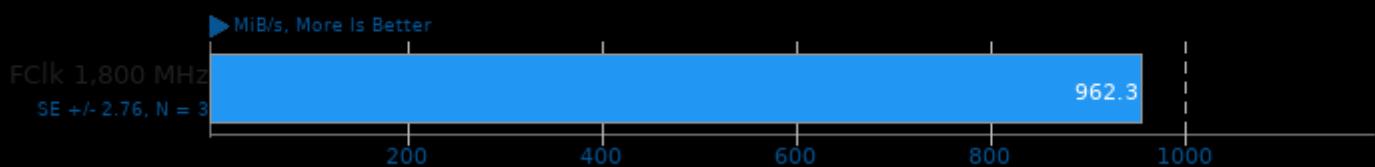


Cryptsetup

AES-XTS 512b Decryption

**Cryptsetup**

Serpent-XTS 512b Encryption

**Cryptsetup**

Serpent-XTS 512b Decryption

**Cryptsetup**

Twofish-XTS 512b Encryption

**Cryptsetup**

Twofish-XTS 512b Decryption

**SQLite Speedtest 3.30**

Timed Time - Size 1,000



1. (CC) gcc options: -O2 -fz

PyBench 2018-02-16

Total For Average Test Times



PyPerformance 1.0.0

Benchmark: go



PyPerformance 1.0.0

Benchmark: 2to3



PyPerformance 1.0.0

Benchmark: chaos



PyPerformance 1.0.0

Benchmark: float



PyPerformance 1.0.0

Benchmark: nbody



PyPerformance 1.0.0

Benchmark: pathlib



PyPerformance 1.0.0

Benchmark: raytrace



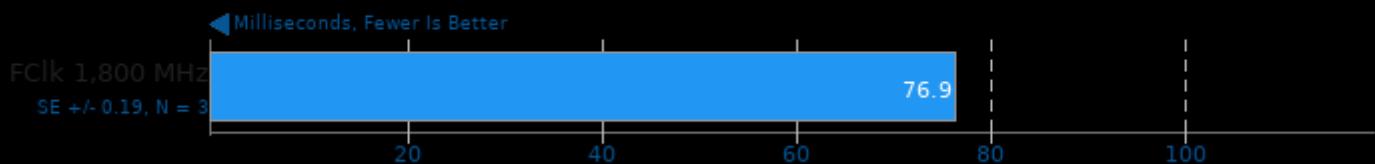
PyPerformance 1.0.0

Benchmark: json.loads



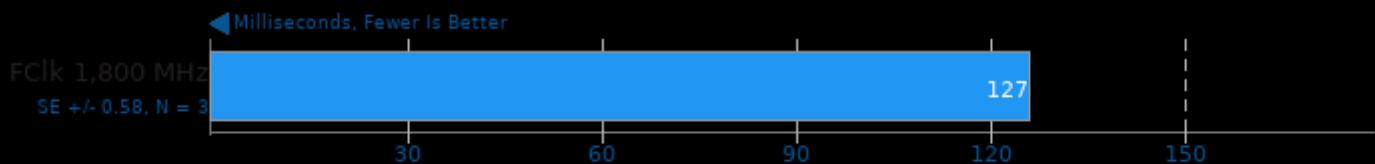
PyPerformance 1.0.0

Benchmark: crypto_pyaes



PyPerformance 1.0.0

Benchmark: regex_compile



PyPerformance 1.0.0

Benchmark: python_startup



PyPerformance 1.0.0

Benchmark: django_template



PyPerformance 1.0.0

Benchmark: pickle_pure_python



Git

Time To Complete Common Git Commands



1. git version 2.32.0

This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 18:57.