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5950x81222

AMD Ryzen 9 5950X 16-Core testing with a Gigabyte X570 AORUS ELITE WIFI (F37c BIOS) and eVGA NVIDIA GeForce GTX 1060 6GB on Gentoo 2.8 via the Phoronix Test Suite.

Test Systems:

Gentoo 2.8 - AMD Ryzen 9 5950X 16-Core

AMD Ryzen 9 5950X 16-Core

Processor: AMD Ryzen 9 5950X 16-Core @ 3.40GHz (16 Cores / 32 Threads), Motherboard: Gigabyte X570 AORUS ELITE WIFI (F37c BIOS), Chipset: AMD Starship/Matisse, Memory: 32GB, Disk: 2 x 1000GB Samsung SSD 980 PRO 1TB, Graphics: eVGA NVIDIA GeForce GTX 1060 6GB, Audio: NVIDIA GP106 HD Audio, Monitor: DELL 2707WFP, Network: Intel I211 + Intel Dual Band-AC 3168NGW

OS: Gentoo 2.8, Kernel: 5.19.1-gentoo-harambe-edition (x86_64), Desktop: KDE Plasma 5.25.4, Display Server: X Server 1.21.1.4, Display Driver: NVIDIA 515.65.01, Compiler: GCC 11.3.0, File-System: ext4, Screen Resolution: 3840x1200

Kernel Notes: Transparent Huge Pages: madvise

```
Compiler Notes: --bindir=/usr/x86_64-pc-linux-gnu/gcc-bin/11.3.0 --build=x86_64-pc-linux-gnu --datadir=/usr/share/gcc-data/x86_64-pc-linux-gnu/11.3.0 --disable-cet
--disable-default-ssp --disable-esp --disable-fixed-point --disable-isl-version-check --disable-libada --disable-libssp --disable-libstdcxx-pch --disable-libunwind-exceptions
--disable-libvtv --disable-ns --disable-systemtap --disable-valgrind-annotations --disable-vtable-verify --disable-werror --enable-_cxa_atexit --enable-checking=release
--enable-clocale-gnu --enable-default-pie --enable-languages=c,c++,go,fortran --enable-libgomp --enable-libstdcxx-time --enable-lto --enable-multilib --enable-obsolete
--enable-secureplt --enable-shared --enable-targets=all --enable-threads=posix --host=x86_64-pc-linux-gnu --includedir=/usr/lib/gcc/x86_64-pc-linux-gnu/11.3.0/include
--mandir=/usr/share/gcc-data/x86_64-pc-linux-gnu/11.3.0/man --with-build-config=bootstrap-lto --with-isl --with-multilib-list=m32,m64
--with-python-dir=/share/gcc-data/x86_64-pc-linux-gnu/11.3.0/python --with-zstd
```

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

Python Notes: Python 3.10.5

Security Notes: itlb_multithit: Not affected + I1tf: Not affected + mds: Not affected + meltdown: Not affected + mmio_stale_data: Not affected + retbleed: Not affected +
spec_store_bypass: Mitigation of SSB disabled via prctl + spectre_v1: Mitigation of usercopy/swapgs barriers and __user pointer sanitization + spectre_v2: Vulnerable
IBPB: conditional IBRS_FW STIBP: always-on RSB filling PBRSB-eIBRS: Not affected + srbds: Not affected + tsx_async_abort: Not affected

Gentoo 2.8 - AMD Ryzen 9 5950X	AMD Ryzen 9 5950X
5950X 16-Core	16-Core

RAMspeed SMP - Add - Integer (MB/s)	51227
Standard Deviation	0.1%
RAMspeed SMP - Copy - Integer (MB/s)	57192
Standard Deviation	0.8%
RAMspeed SMP - Scale - Integer (MB/s)	54747
Standard Deviation	0.1%
RAMspeed SMP - Triad - Integer (MB/s)	50356
Standard Deviation	1.1%
RAMspeed SMP - Average - Integer (MB/s)	53459
Standard Deviation	0.4%
RAMspeed SMP - Add - Floating Point (MB/s)	51052
Standard Deviation	0.8%
RAMspeed SMP - Copy - Floating Point (MB/s)	57516
Standard Deviation	0.2%
RAMspeed SMP - Scale - Floating Point (MB/s)	57589
Standard Deviation	0.6%
RAMspeed SMP - Triad - Floating Point (MB/s)	51231
Standard Deviation	0.5%
RAMspeed SMP - Average - Floating Point (MB/s)	54603
Standard Deviation	0.4%
Glibc Benchmarks - cos (ns)	52.9813
Standard Deviation	1.1%
Glibc Benchmarks - exp (ns)	12.5252
Standard Deviation	1.5%
Glibc Benchmarks - ffs (ns)	4.92900
Standard Deviation	0%
Glibc Benchmarks - sin (ns)	48.2630
Standard Deviation	2%
Glibc Benchmarks - log2 (ns)	12.3356
Standard Deviation	0%
Glibc Benchmarks - modf (ns)	6.34873
Standard Deviation	2.5%
Glibc Benchmarks - sinh (ns)	19.2819
Standard Deviation	0.6%
Glibc Benchmarks - sqrt (ns)	6.29308
Standard Deviation	0.9%
Glibc Benchmarks - tanh (ns)	27.9816

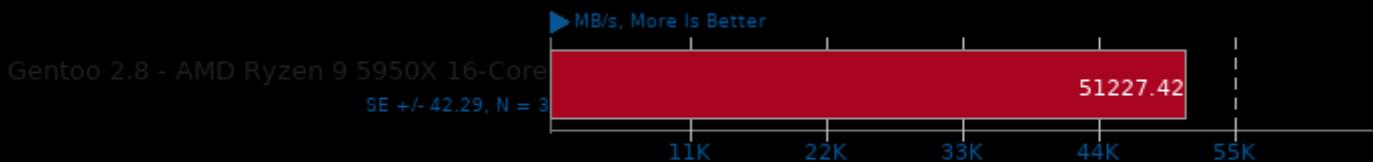
	Standard Deviation	0%
Glibc Benchmarks - asinh (ns)	20.4172	
	Standard Deviation	0%
Glibc Benchmarks - atanh (ns)	24.9313	
	Standard Deviation	0.1%
Glibc Benchmarks - ffsll (ns)	4.98097	
	Standard Deviation	1.2%
Glibc Benchmarks - sincos (ns)	33.2153	
	Standard Deviation	1%
Glibc Benchmarks - pthread_once (ns)	4.89858	
	Standard Deviation	0%
BLAKE2 (Cycles/Byte)	4.27	
	Standard Deviation	1.3%
LZ4 Compression - 1 - Compression Speed (MB/s)	14528	
	Standard Deviation	0.7%
LZ4 Compression - 1 - D.S (MB/s)	16351	
	Standard Deviation	0.2%
LZ4 Compression - 3 - Compression Speed (MB/s)	74.31	
	Standard Deviation	0%
LZ4 Compression - 3 - D.S (MB/s)	15608	
	Standard Deviation	0%
LZ4 Compression - 9 - Compression Speed (MB/s)	70.31	
	Standard Deviation	2.5%
LZ4 Compression - 9 - D.S (MB/s)	15622	
	Standard Deviation	0.5%
Zstd Compression - 3 - Compression Speed (MB/s)	5450	
	Standard Deviation	1.3%
Zstd Compression - 3 - D.S (MB/s)	4926	
	Standard Deviation	3%
Zstd Compression - 8 - Compression Speed (MB/s)	1710	
	Standard Deviation	0.4%
Zstd Compression - 8 - D.S (MB/s)	5182	
	Standard Deviation	1.1%
Zstd Compression - 19 - Compression Speed (MB/s)	75.2	
	Standard Deviation	1.5%
Zstd Compression - 19 - D.S (MB/s)	4434	
	Standard Deviation	3%
Zstd Compression - 3, Long Mode - Compression Speed (MB/s)	1530	
	Standard Deviation	0.4%
Zstd Compression - 3, Long Mode - D.S (MB/s)	5188	
	Standard Deviation	0.1%
Zstd Compression - 8, Long Mode - Compression Speed (MB/s)	1457	
	Standard Deviation	1.3%
Zstd Compression - 8, Long Mode - D.S (MB/s)	5484	
	Standard Deviation	1.4%
Zstd Compression - 19, Long Mode - Compression Speed (MB/s)	54.8	
	Standard Deviation	0.3%
Zstd Compression - 19, Long Mode - D.S (MB/s)	4424	
	Standard Deviation	0.4%
dav1d - Chimera 1080p (FPS)	811.30	

	Standard Deviation	0.5%
dav1d - Summer Nature 4K (FPS)		326.77
	Standard Deviation	1.3%
dav1d - S.N.1 (FPS)		1190
	Standard Deviation	0.8%
dav1d - C.1.1.b (FPS)		706.35
	Standard Deviation	0.2%
SVT-AV1 - Preset 4 - Bosphorus 4K (FPS)		2.421
	Standard Deviation	0.2%
SVT-AV1 - Preset 8 - Bosphorus 4K (FPS)		66.244
	Standard Deviation	1.4%
SVT-AV1 - Preset 10 - Bosphorus 4K (FPS)		122.760
	Standard Deviation	0.6%
SVT-AV1 - Preset 12 - Bosphorus 4K (FPS)		164.467
	Standard Deviation	1.6%
SVT-AV1 - Preset 4 - Bosphorus 1080p (FPS)		6.729
	Standard Deviation	1.2%
SVT-AV1 - Preset 8 - Bosphorus 1080p (FPS)		159.648
	Standard Deviation	0.9%
SVT-AV1 - Preset 10 - Bosphorus 1080p (FPS)		365.770
	Standard Deviation	0.4%
SVT-AV1 - Preset 12 - Bosphorus 1080p (FPS)		565.816
	Standard Deviation	1.1%
SVT-HEVC - 1 - Bosphorus 4K (FPS)		4.92
	Standard Deviation	0.4%
SVT-HEVC - 7 - Bosphorus 4K (FPS)		89.67
	Standard Deviation	0.3%
SVT-HEVC - 10 - Bosphorus 4K (FPS)		149.03
	Standard Deviation	1%
SVT-HEVC - 1 - Bosphorus 1080p (FPS)		19.16
	Standard Deviation	0.1%
SVT-HEVC - 7 - Bosphorus 1080p (FPS)		271.38
	Standard Deviation	0.6%
SVT-HEVC - 10 - Bosphorus 1080p (FPS)		521.89
	Standard Deviation	0.3%
x264 - Bosphorus 4K (FPS)		61.26
	Standard Deviation	2%
x264 - Bosphorus 1080p (FPS)		232.66
	Standard Deviation	0.1%
x265 - Bosphorus 4K (FPS)		31.78
	Standard Deviation	0.6%
x265 - Bosphorus 1080p (FPS)		94.18
	Standard Deviation	0.8%
7-Zip Compression - Compression Rating (MIPS)		161484
	Standard Deviation	0.2%
7-Zip Compression - D.R (MIPS)		153125
	Standard Deviation	0.3%
Parallel BZIP2 Compression - F.1.0.R.a.m.i.C (sec)		3.637
	Standard Deviation	0.7%
Rust Prime Benchmark - P.N.T.T.2.0.0 (sec)		5.109
	Standard Deviation	0%
Gzip Compression - L.S.T.A.T.t.g (sec)		28.018
	Standard Deviation	3.2%

XZ Compression - C.u.1.0.3.s.i.i.C.L.9 (sec)	15.734
Standard Deviation	0.3%
N-Queens - Elapsed Time (sec)	6.528
Standard Deviation	0%
Aircrack-ng (k/s)	88737
Standard Deviation	0.5%
OpenSSL - SHA256 (byte/s)	29242344150
Standard Deviation	0.4%
OpenSSL - RSA4096 (sign/s)	5245
Standard Deviation	0.1%
OpenSSL - RSA4096 (verify/s)	342401
Standard Deviation	0%
ASTC Encoder - Fast (MT/s)	334.3893
Standard Deviation	0%
ASTC Encoder - Medium (MT/s)	116.048
Standard Deviation	0.1%
ASTC Encoder - Thorough (MT/s)	14.2303
Standard Deviation	0.1%
ASTC Encoder - Exhaustive (MT/s)	1.4961
Standard Deviation	0.1%
Blender - BMW27 - CPU-Only (sec)	69.10
Standard Deviation	0.1%
Blender - Classroom - CPU-Only (sec)	182.86
Standard Deviation	0%
Blender - Fishy Cat - CPU-Only (sec)	87.38
Standard Deviation	0.1%
Blender - Barbershop - CPU-Only (sec)	703.47
Standard Deviation	0.2%
Blender - Pabellon Barcelona - CPU-Only (sec)	229.04
Standard Deviation	0.5%
PyBench - T.F.A.T.T (Milliseconds)	756
Standard Deviation	1.2%
RAR Compression - L.S.T.A.T.R (sec)	37.681
Standard Deviation	2.2%

RAMspeed SMP 3.5.0

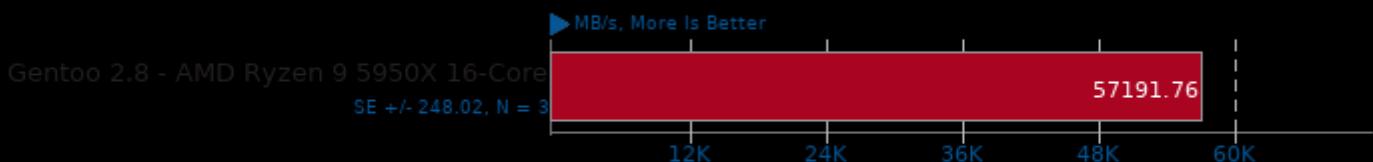
Type: Add - Benchmark: Integer



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

RAMspeed SMP 3.5.0

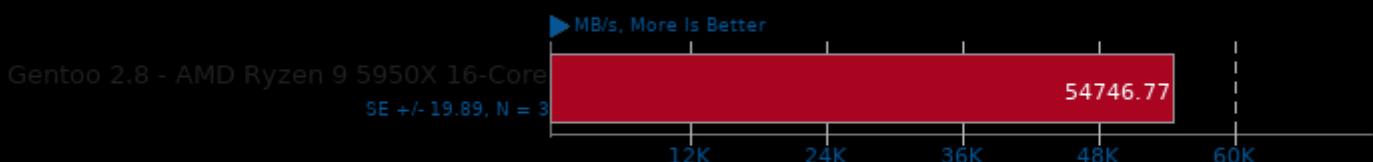
Type: Copy - Benchmark: Integer



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

RAMspeed SMP 3.5.0

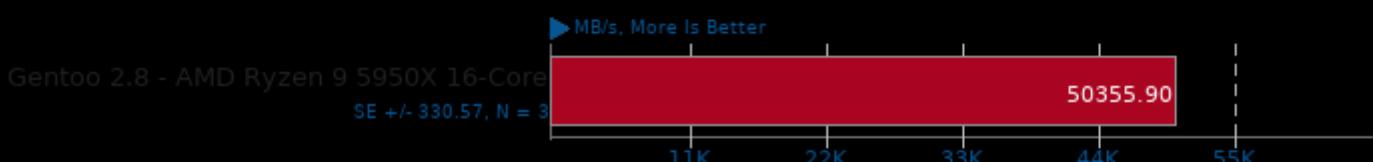
Type: Scale - Benchmark: Integer



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

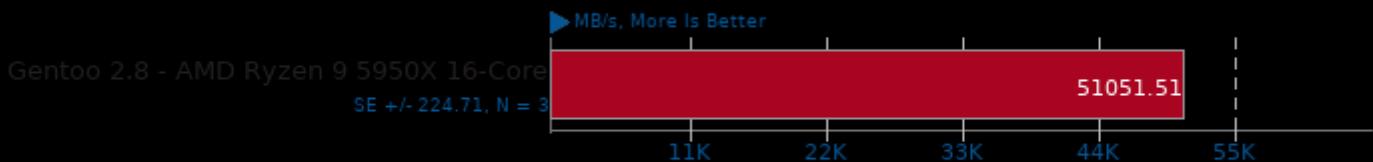
Type: Average - Benchmark: Integer



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

RAMspeed SMP 3.5.0

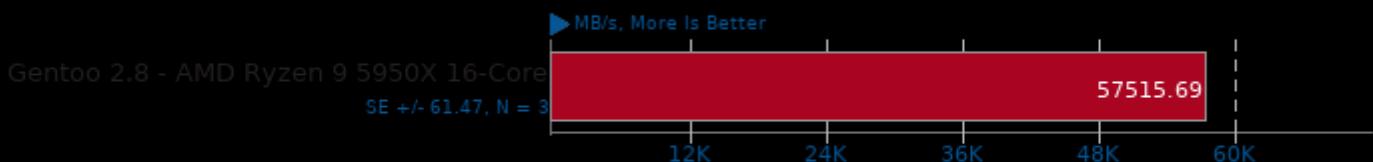
Type: Add - Benchmark: Floating Point



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

RAMspeed SMP 3.5.0

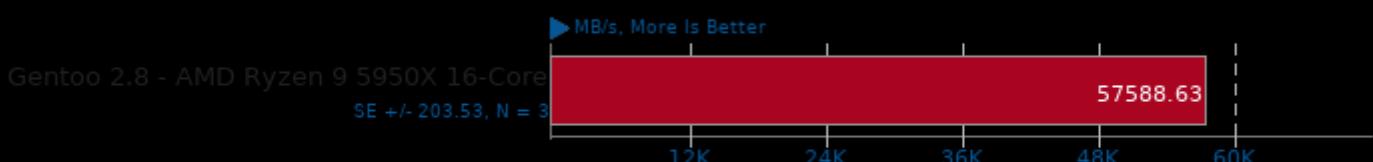
Type: Copy - Benchmark: Floating Point



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

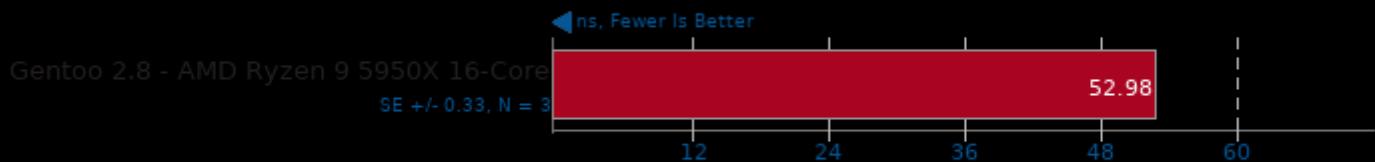
Type: Average - Benchmark: Floating Point



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

Glibc Benchmarks

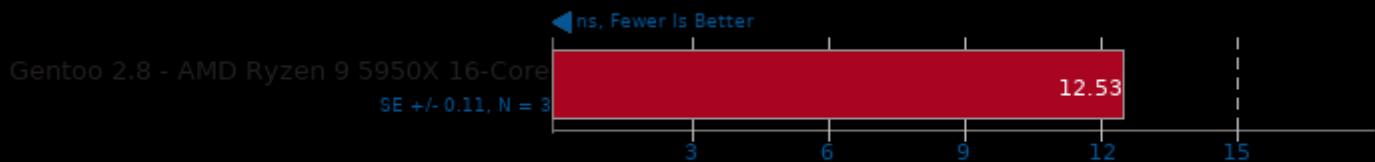
Benchmark: cos



1. (CC) gcc options: -pie -nostdlib -nostartfiles -lgcc -lgcc_s

Glibc Benchmarks

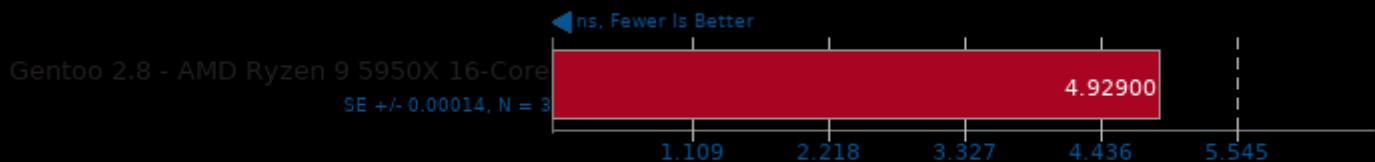
Benchmark: exp



1. (CC) gcc options: -pie -nostdlib -nostartfiles -lgcc -lgcc_s

Glibc Benchmarks

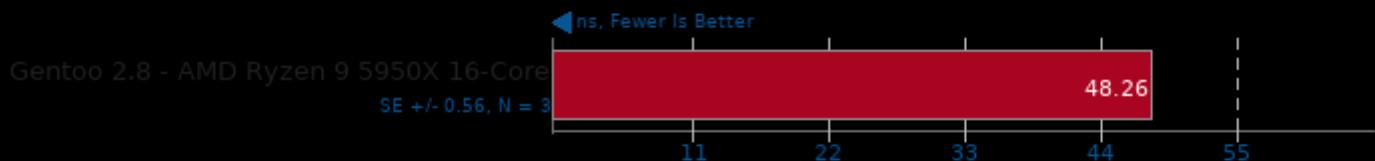
Benchmark: ffs



1. (CC) gcc options: -pie -nostdlib -nostartfiles -lgcc -lgcc_s

Glibc Benchmarks

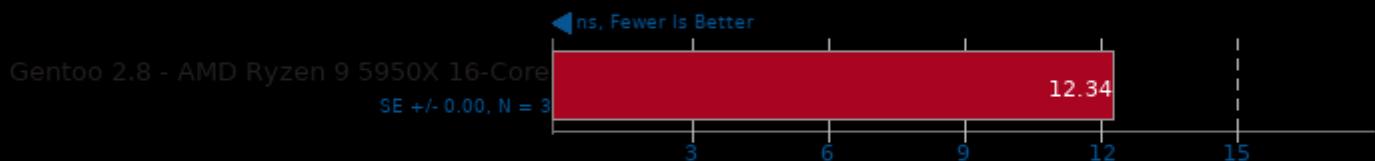
Benchmark: sin



1. (CC) gcc options: -pie -nostdlib -nostartfiles -lgcc -lgcc_s

Glibc Benchmarks

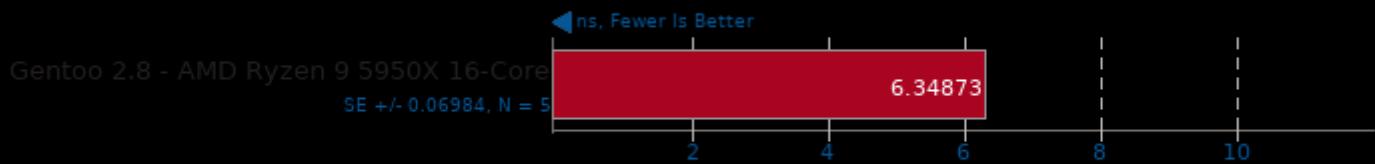
Benchmark: log2



1. (CC) gcc options: -pie -nostdlib -nostartfiles -lgcc -lgcc_s

Glibc Benchmarks

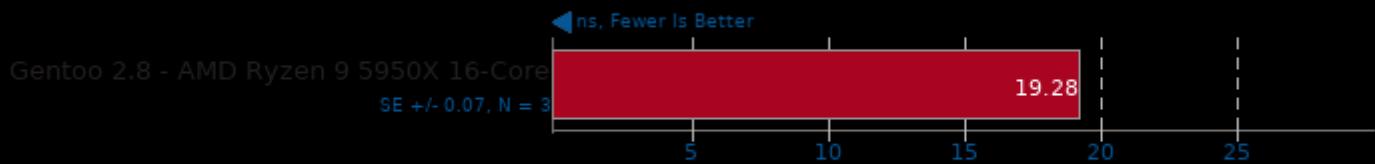
Benchmark: modf



1. (CC) gcc options: -pie -nostdlib -nostartfiles -lgcc -lgcc_s

Glibc Benchmarks

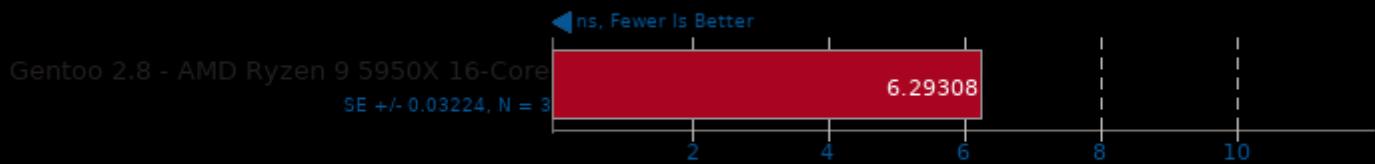
Benchmark: sinh



1. (CC) gcc options: -pie -nostdlib -nostartfiles -lgcc -lgcc_s

Glibc Benchmarks

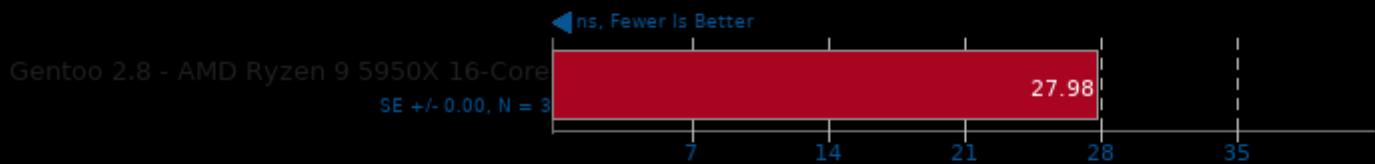
Benchmark: sqrt



1. (CC) gcc options: -pie -nostdlib -nostartfiles -lgcc -lgcc_s

Glibc Benchmarks

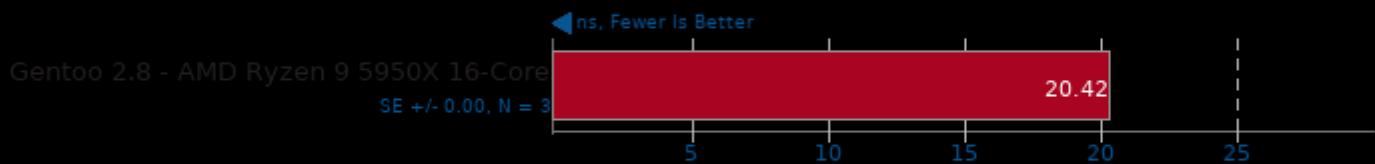
Benchmark: tanh



1. (CC) gcc options: -pie -nostdlib -nostartfiles -lgcc -lgcc_s

Glibc Benchmarks

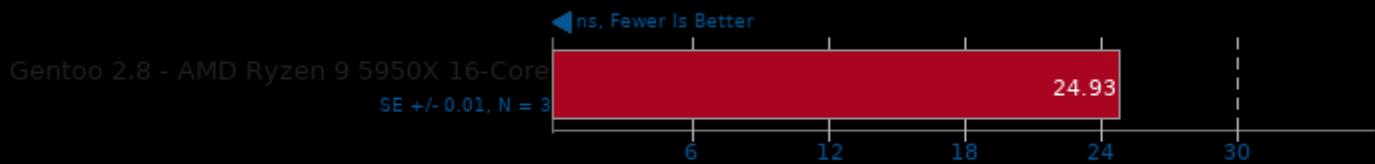
Benchmark: asinh



1. (CC) gcc options: -pie -nostdlib -nostartfiles -lgcc -lgcc_s

Glibc Benchmarks

Benchmark: atanh



1. (CC) gcc options: -pie -nostdlib -nostartfiles -lgcc -lgcc_s

Glibc Benchmarks

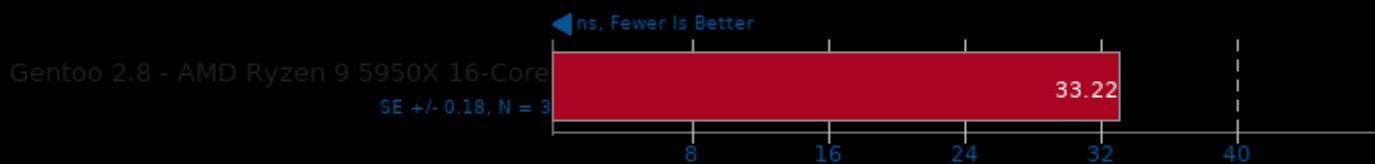
Benchmark: ffsll



1. (CC) gcc options: -pie -nostdlib -nostartfiles -lgcc -lgcc_s

Glibc Benchmarks

Benchmark: sincos



1. (CC) gcc options: -pie -nostdlib -nostartfiles -lgcc -lgcc_s

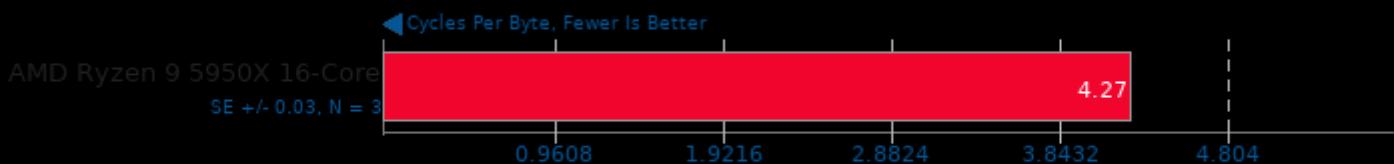
Glibc Benchmarks

Benchmark: pthread_once



1. (CC) gcc options: -pie -nostdlib -nostartfiles -lgcc -lgcc_s

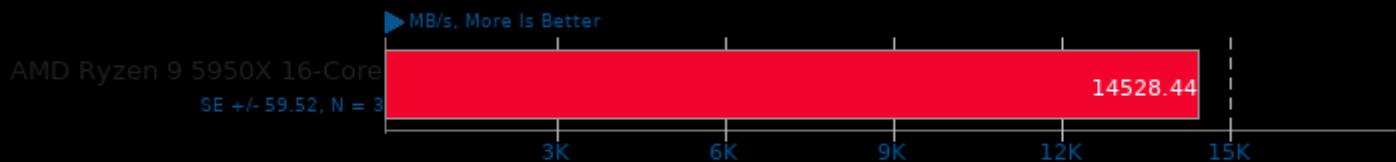
BLAKE2 20170307



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

LZ4 Compression 1.9.3

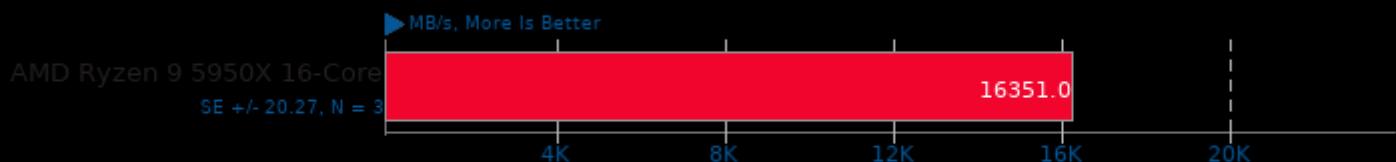
Compression Level: 1 - Compression Speed



1. (CC) gcc options: -O3

LZ4 Compression 1.9.3

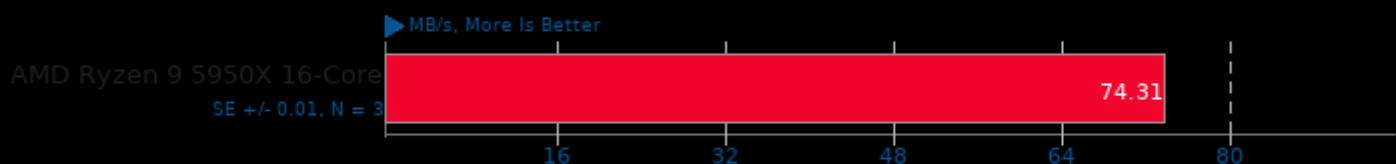
Compression Level: 1 - Decompression Speed



1. (CC) gcc options: -O3

LZ4 Compression 1.9.3

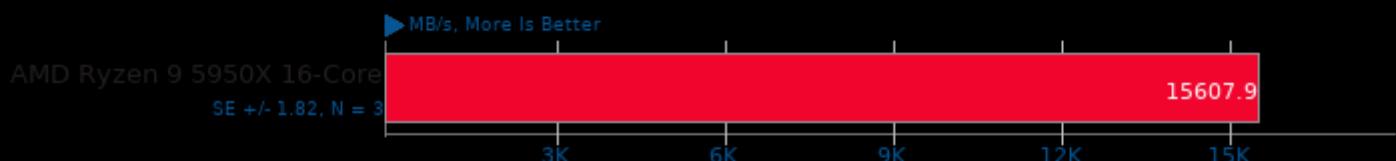
Compression Level: 3 - Compression Speed



1. (CC) gcc options: -O3

LZ4 Compression 1.9.3

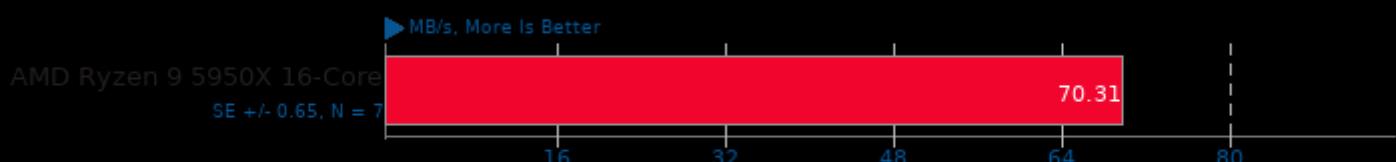
Compression Level: 3 - Decompression Speed



1. (CC) gcc options: -O3

LZ4 Compression 1.9.3

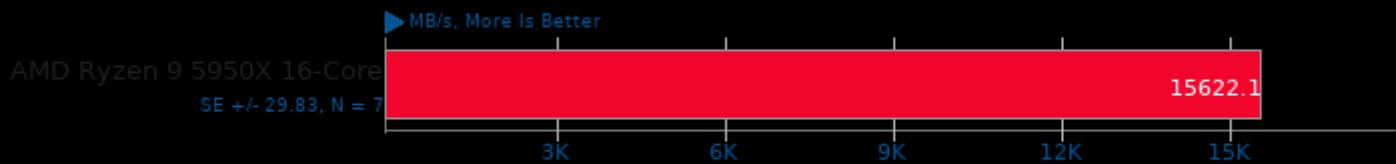
Compression Level: 9 - Compression Speed



1. (CC) gcc options: -O3

LZ4 Compression 1.9.3

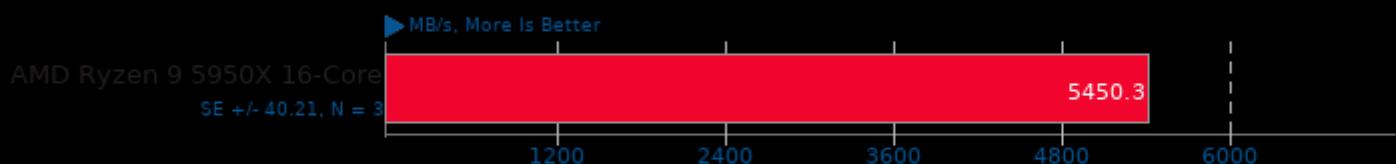
Compression Level: 9 - Decompression Speed



1. (CC) gcc options: -O3

Zstd Compression 1.5.0

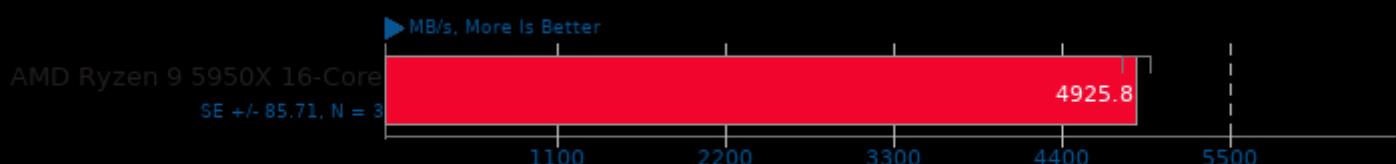
Compression Level: 3 - Compression Speed



1. (CC) gcc options: -O3 -pthread -lz -lzma -lz4

Zstd Compression 1.5.0

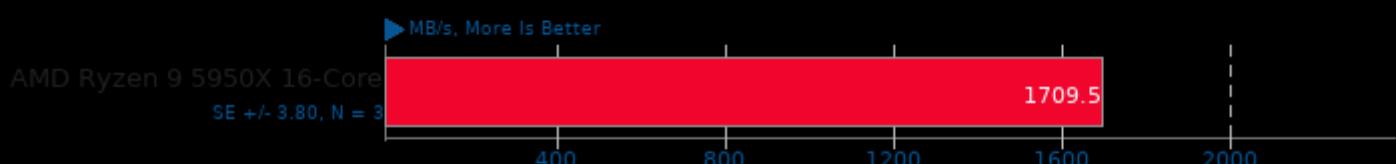
Compression Level: 3 - Decompression Speed



1. (CC) gcc options: -O3 -pthread -lz -lzma -lz4

Zstd Compression 1.5.0

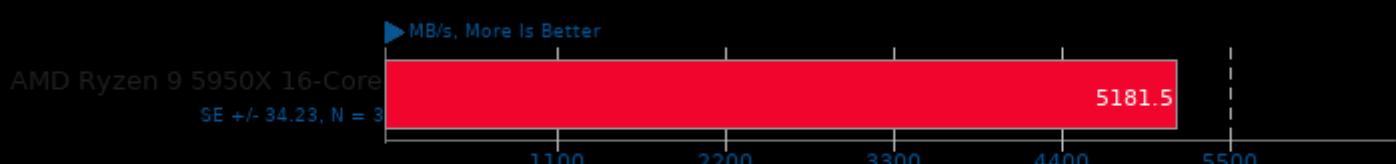
Compression Level: 8 - Compression Speed



1. (CC) gcc options: -O3 -pthread -lz -lzma -lz4

Zstd Compression 1.5.0

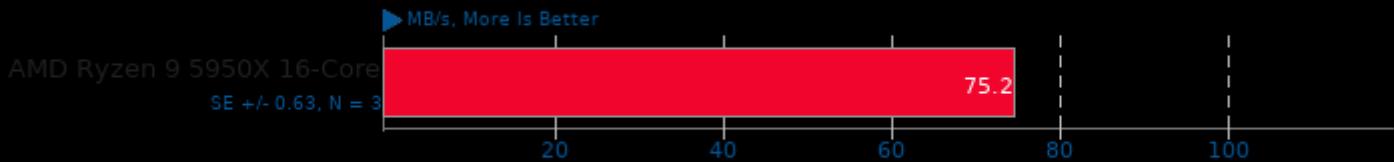
Compression Level: 8 - Decompression Speed



1. (CC) gcc options: -O3 -pthread -lz -lzma -lz4

Zstd Compression 1.5.0

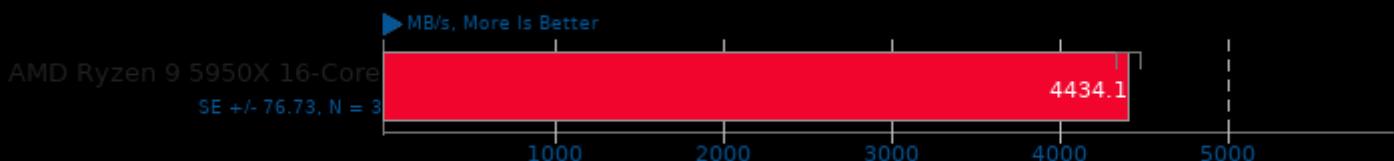
Compression Level: 19 - Compression Speed



1. (CC) gcc options: -O3 -pthread -lz -lzma -llz4

Zstd Compression 1.5.0

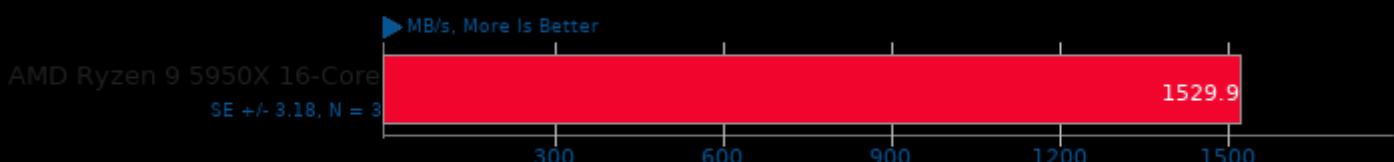
Compression Level: 19 - Decompression Speed



1. (CC) gcc options: -O3 -pthread -lz -lzma -llz4

Zstd Compression 1.5.0

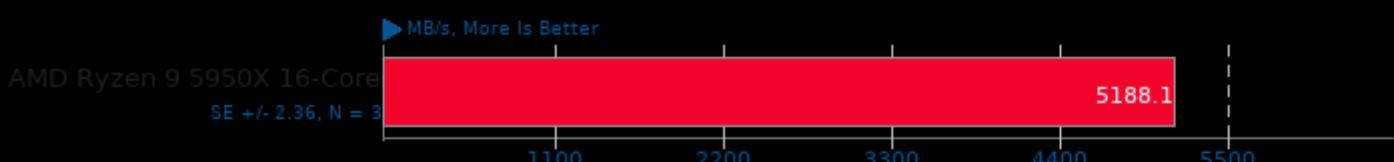
Compression Level: 3, Long Mode - Compression Speed



1. (CC) gcc options: -O3 -pthread -lz -lzma -llz4

Zstd Compression 1.5.0

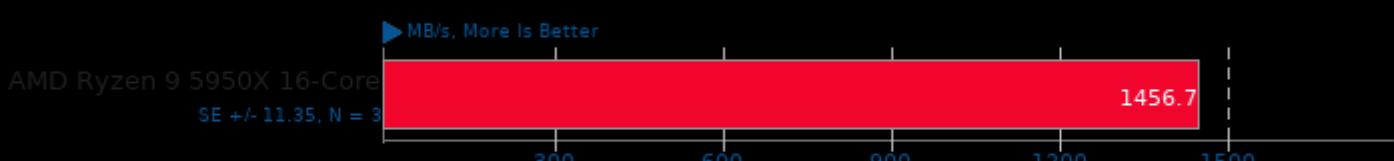
Compression Level: 3, Long Mode - Decompression Speed



1. (CC) gcc options: -O3 -pthread -lz -lzma -llz4

Zstd Compression 1.5.0

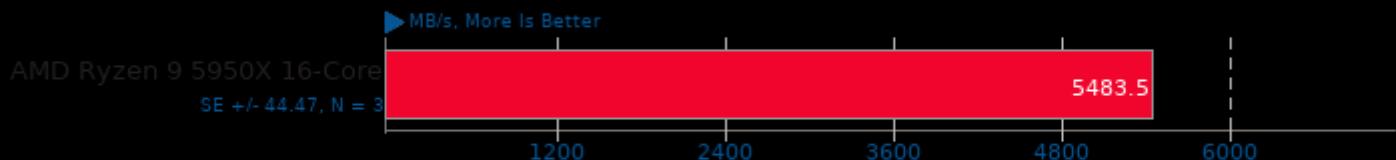
Compression Level: 8, Long Mode - Compression Speed



1. (CC) gcc options: -O3 -pthread -lz -lzma -llz4

Zstd Compression 1.5.0

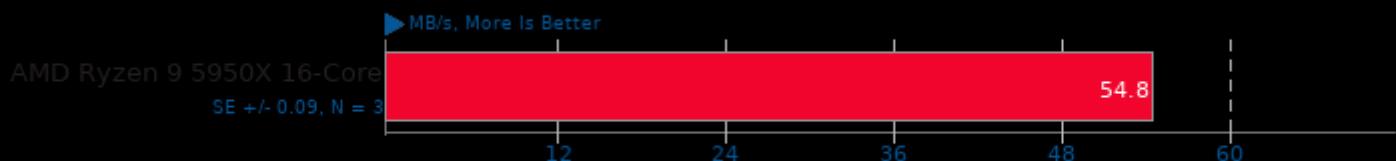
Compression Level: 8, Long Mode - Decompression Speed



1. (CC) gcc options: -O3 -pthread -lz -lzma -llz4

Zstd Compression 1.5.0

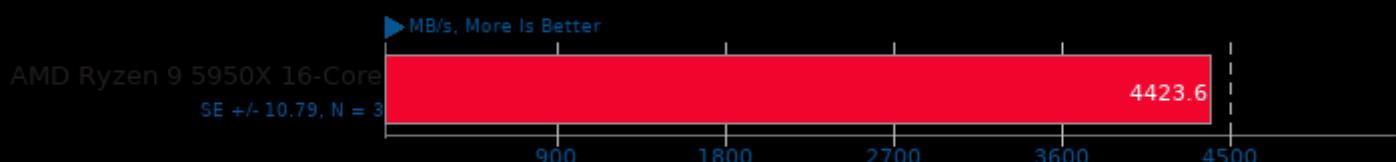
Compression Level: 19, Long Mode - Compression Speed



1. (CC) gcc options: -O3 -pthread -lz -lzma -llz4

Zstd Compression 1.5.0

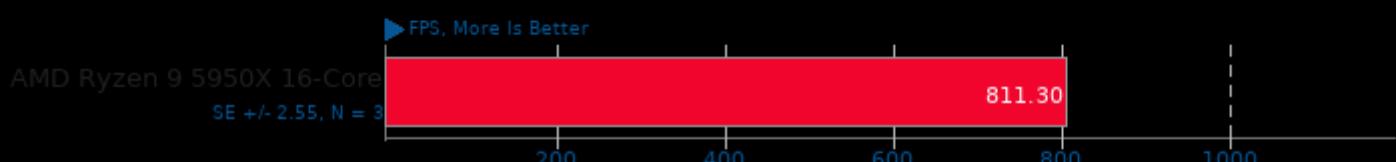
Compression Level: 19, Long Mode - Decompression Speed



1. (CC) gcc options: -O3 -pthread -lz -lzma -llz4

dav1d 1.0

Video Input: Chimera 1080p



1. (CC) gcc options: -pthread -lm

dav1d 1.0

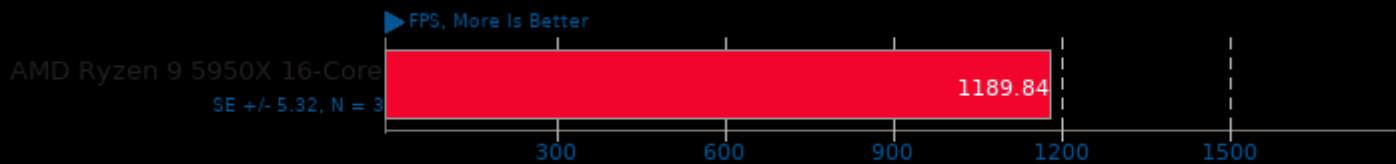
Video Input: Summer Nature 4K



1. (CC) gcc options: -pthread -lm

dav1d 1.0

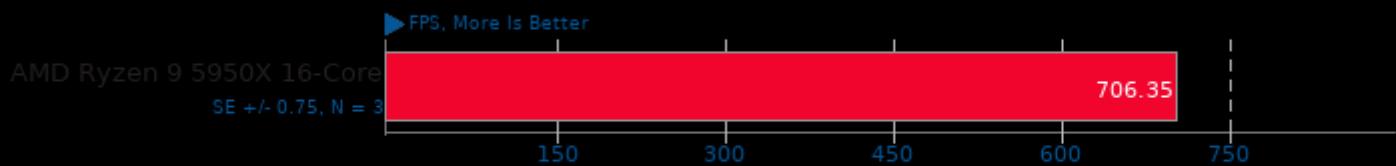
Video Input: Summer Nature 1080p



1. (CC) gcc options: -pthread -lm

dav1d 1.0

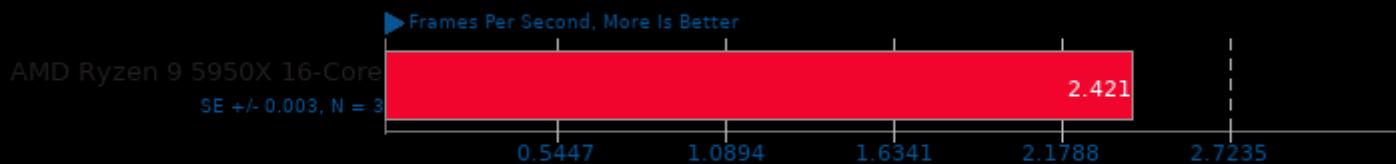
Video Input: Chimera 1080p 10-bit



1. (CC) gcc options: -pthread -lm

SVT-AV1 1.2

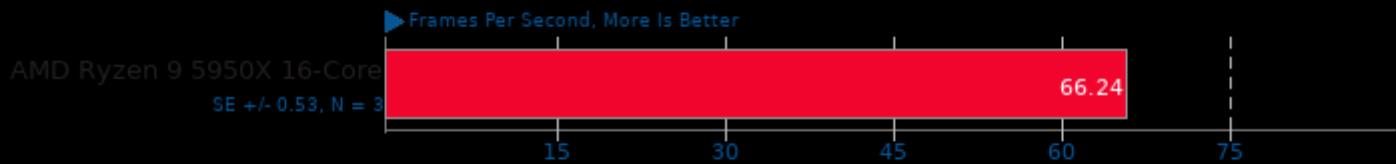
Encoder Mode: Preset 4 - Input: Bosphorus 4K



1. (CXX) g++ options: -march=native -mno-avx -mavx2 -mavx512f -mavx512bw -mavx512dq

SVT-AV1 1.2

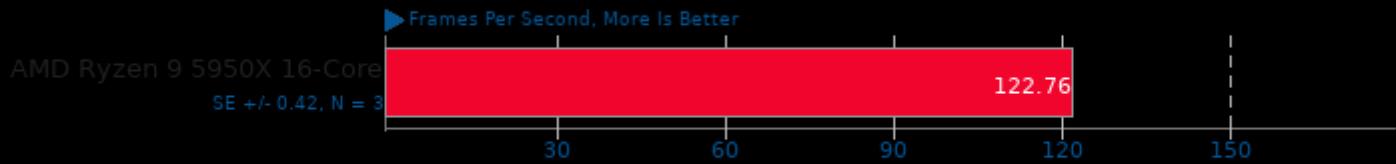
Encoder Mode: Preset 8 - Input: Bosphorus 4K



1. (CXX) g++ options: -march=native -mno-avx -mavx2 -mavx512f -mavx512bw -mavx512dq

SVT-AV1 1.2

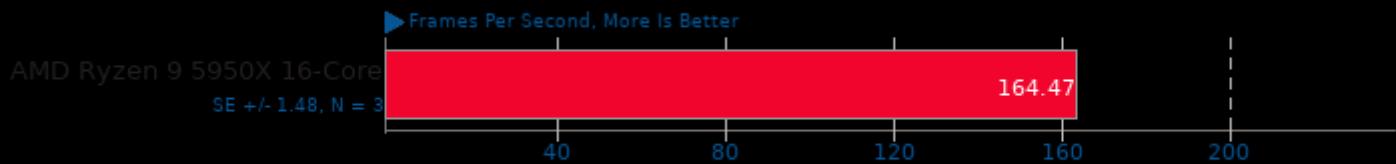
Encoder Mode: Preset 10 - Input: Bosphorus 4K



1. (CXX) g++ options: -march=native -mno-avx -mavx2 -mavx512f -mavx512bw -mavx512dq

SVT-AV1 1.2

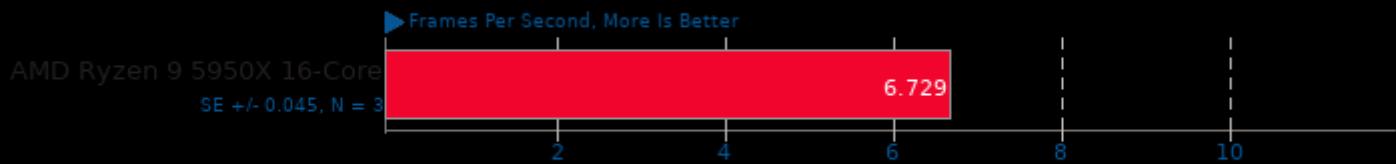
Encoder Mode: Preset 12 - Input: Bosphorus 4K



1. (CXX) g++ options: -march=native -mno-avx -mavx2 -mavx512f -mavx512bw -mavx512dq

SVT-AV1 1.2

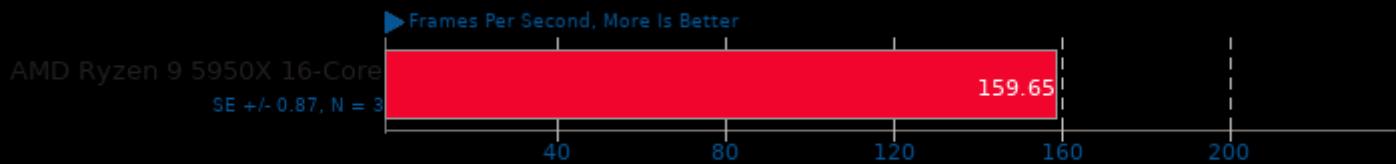
Encoder Mode: Preset 4 - Input: Bosphorus 1080p



1. (CXX) g++ options: -march=native -mno-avx -mavx2 -mavx512f -mavx512bw -mavx512dq

SVT-AV1 1.2

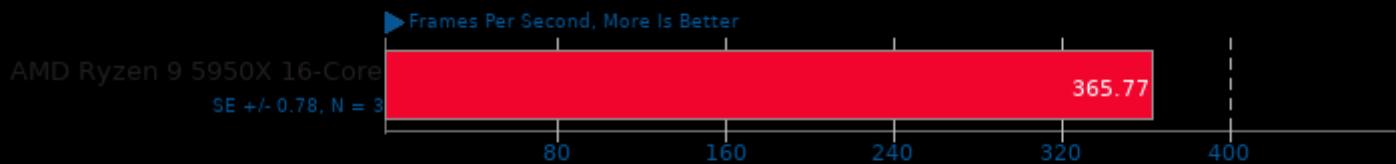
Encoder Mode: Preset 8 - Input: Bosphorus 1080p



1. (CXX) g++ options: -march=native -mno-avx -mavx2 -mavx512f -mavx512bw -mavx512dq

SVT-AV1 1.2

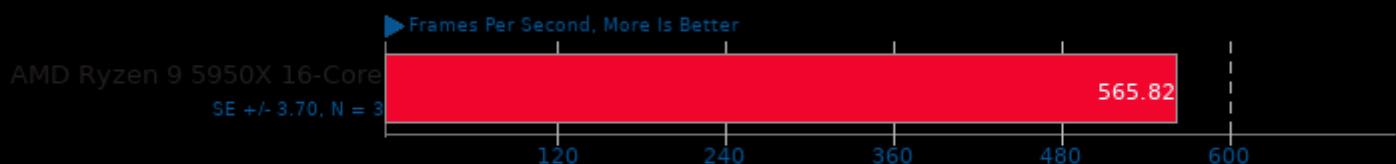
Encoder Mode: Preset 10 - Input: Bosphorus 1080p



1. (CXX) g++ options: -march=native -mno-avx -mavx2 -mavx512f -mavx512bw -mavx512dq

SVT-AV1 1.2

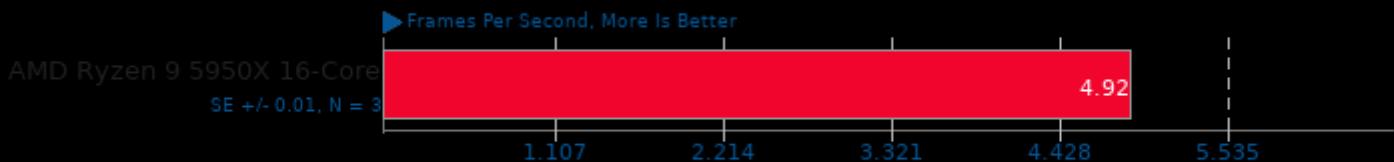
Encoder Mode: Preset 12 - Input: Bosphorus 1080p



1. (CXX) g++ options: -march=native -mno-avx -mavx2 -mavx512f -mavx512bw -mavx512dq

SVT-HEVC 1.5.0

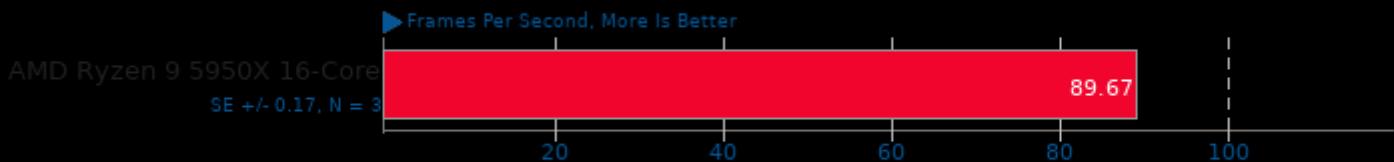
Tuning: 1 - Input: Bosphorus 4K



1. (CC) gcc options: -fPIE -fPIC -O3 -O2 -pie -rdynamic -lpthread -lrt

SVT-HEVC 1.5.0

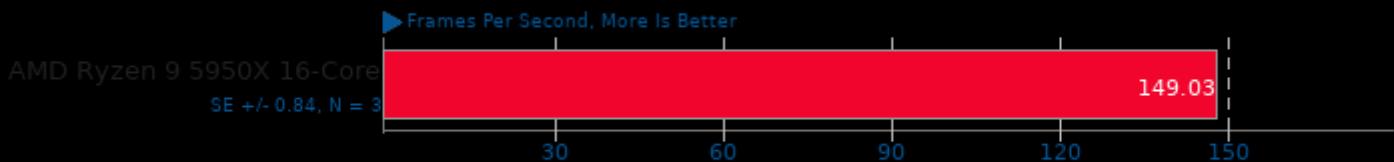
Tuning: 7 - Input: Bosphorus 4K



1. (CC) gcc options: -fPIE -fPIC -O3 -O2 -pie -rdynamic -lpthread -lrt

SVT-HEVC 1.5.0

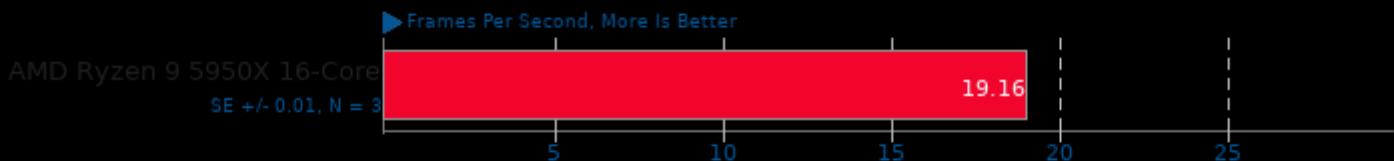
Tuning: 10 - Input: Bosphorus 4K



1. (CC) gcc options: -fPIE -fPIC -O3 -O2 -pie -rdynamic -lpthread -lrt

SVT-HEVC 1.5.0

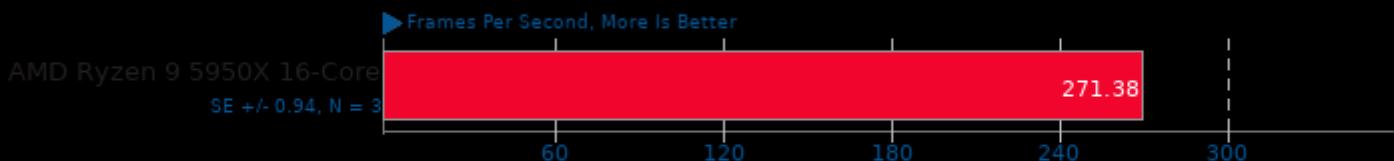
Tuning: 1 - Input: Bosphorus 1080p



1. (CC) gcc options: -fPIE -fPIC -O3 -O2 -pie -rdynamic -lpthread -lrt

SVT-HEVC 1.5.0

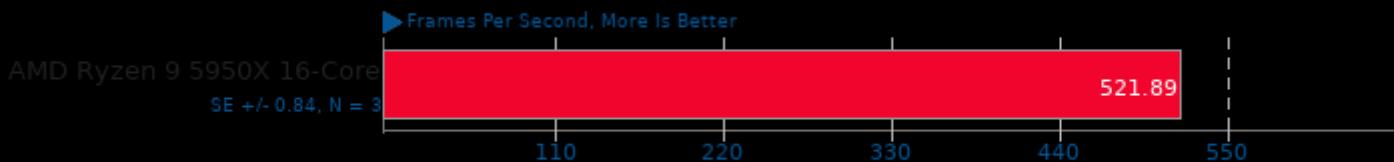
Tuning: 7 - Input: Bosphorus 1080p



1. (CC) gcc options: -fPIE -fPIC -O3 -O2 -pie -rdynamic -lpthread -lrt

SVT-HEVC 1.5.0

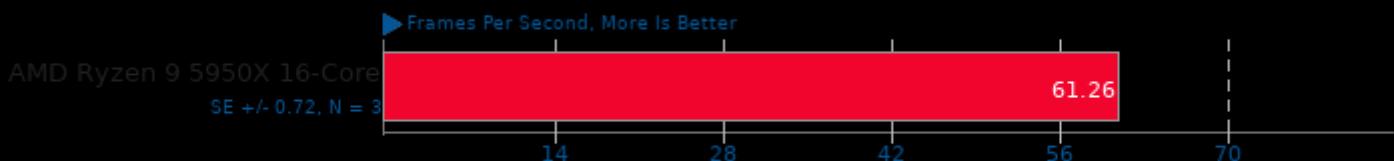
Tuning: 10 - Input: Bosphorus 1080p



1. (CC) gcc options: -fPIE -fPIC -O3 -O2 -pie -rdynamic -lpthread -lrt

x264 2022-02-22

Video Input: Bosphorus 4K



1. (CC) gcc options: -ldl -lavformat -lavcodec -lavutil -lswscale -m64 -lm -lpthread -O3 -fno

x264 2022-02-22

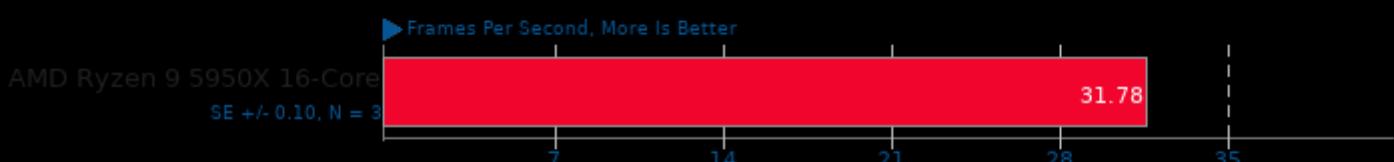
Video Input: Bosphorus 1080p



1. (CC) gcc options: -ldl -lavformat -lavcodec -lavutil -lswscale -m64 -lm -lpthread -O3 -fno

x265 3.4

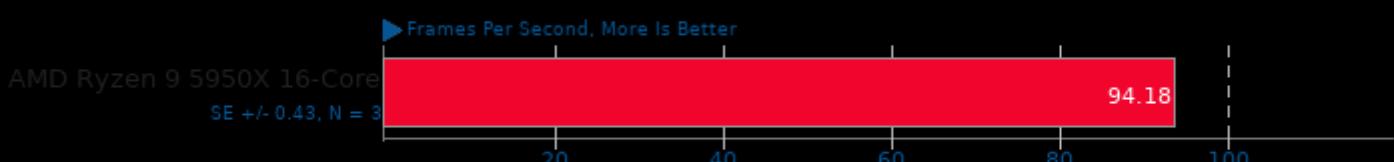
Video Input: Bosphorus 4K



1. (CXX) g++ options: -O3 -rdynamic -lpthread -lrt -ldl -lnuma

x265 3.4

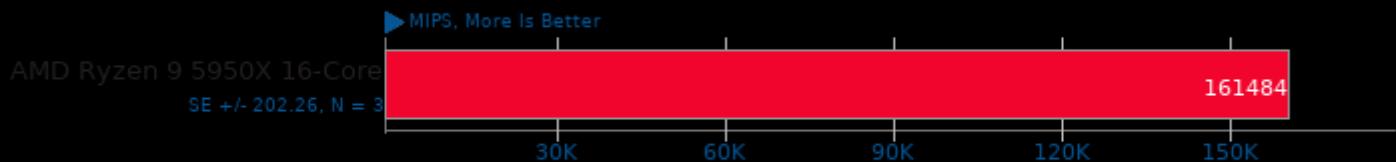
Video Input: Bosphorus 1080p



1. (CXX) g++ options: -O3 -rdynamic -lpthread -lrt -ldl -lnuma

7-Zip Compression 22.00

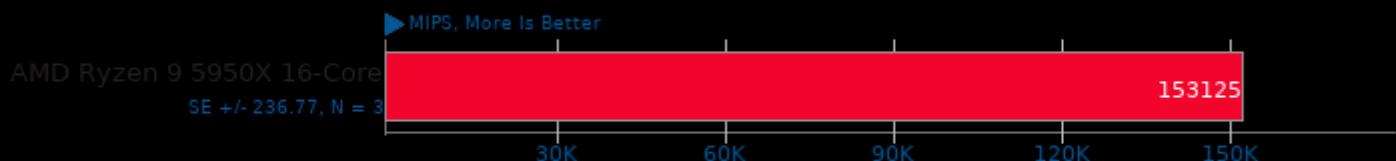
Test: Compression Rating



1. (CXX) g++ options: -pthread -ldl -O2 -fPIC

7-Zip Compression 22.00

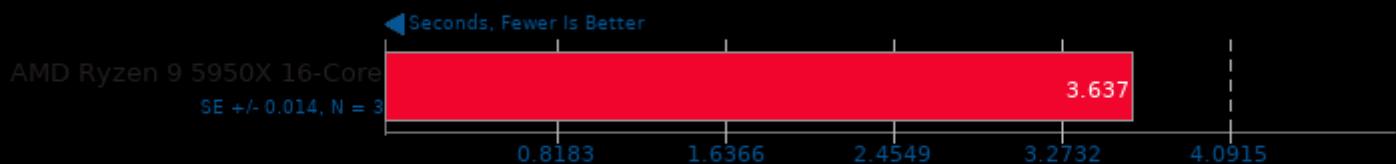
Test: Decompression Rating



1. (CXX) g++ options: -pthread -ldl -O2 -fPIC

Parallel BZIP2 Compression 1.1.13

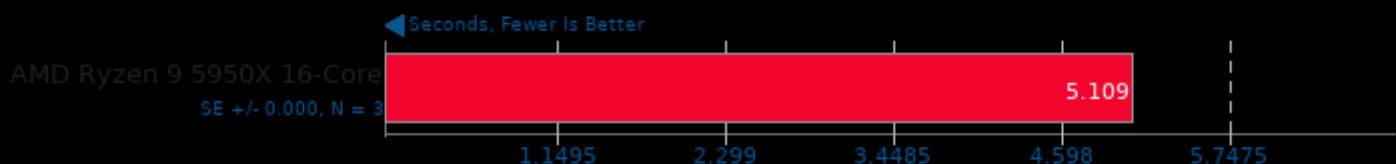
FreeBSD-13.0-RELEASE-amd64-memstick.img Compression



1. (CXX) g++ options: -O2 -pthread -lbz2 -pthread

Rust Prime Benchmark

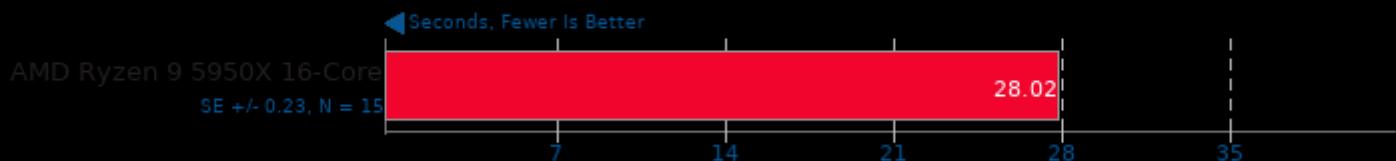
Prime Number Test To 200,000,000



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

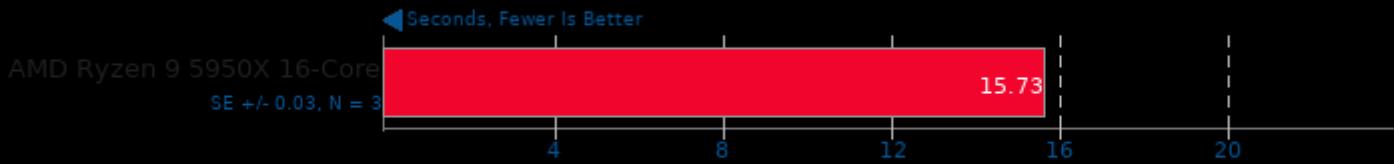
Gzip Compression

Linux Source Tree Archiving To .tar.gz



XZ Compression 5.2.4

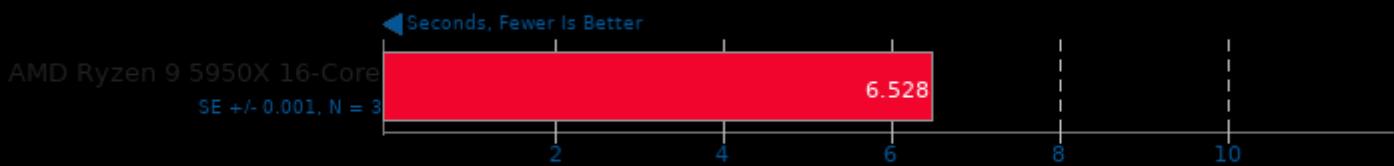
Compressing ubuntu-16.04.3-server-i386.img, Compression Level 9



1. (CC) gcc options: -fvisibility=hidden -O2

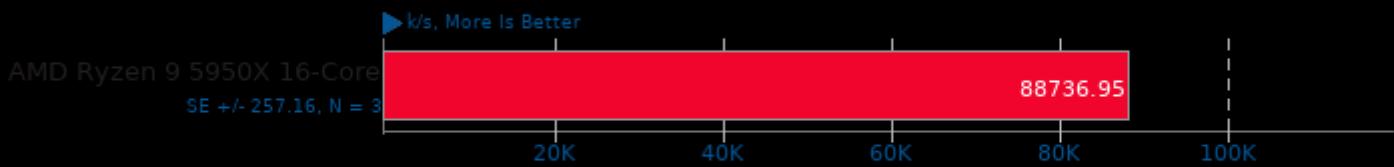
N-Queens 1.0

Elapsed Time



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

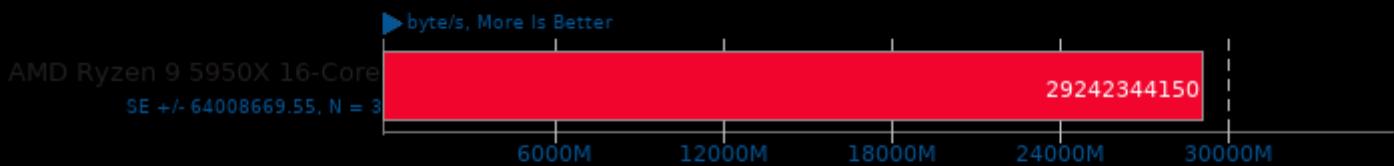
Aircrack-ng 1.7



1. (CXX) g++ options: -std=gnu++17 -O3 -fvisibility=hidden -fcommon -rdynamic -lInl-3 -lInl-genl-3 -lpcre -lsqlite3 -lpthread -lz -lssl -lcrypto -lhwloc -ldl -

OpenSSL 3.0

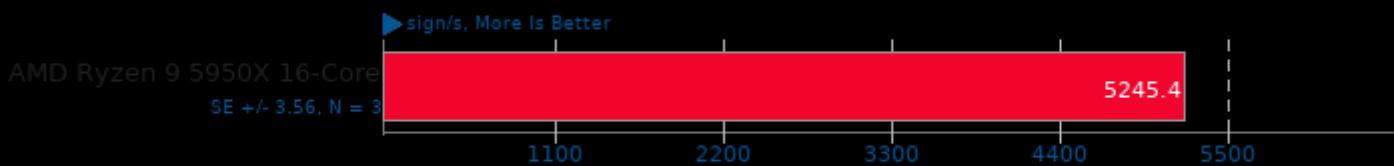
Algorithm: SHA256



1. (CC) gcc options: -pthread -m64 -O3 -lssl -lcrypto -ldl

OpenSSL 3.0

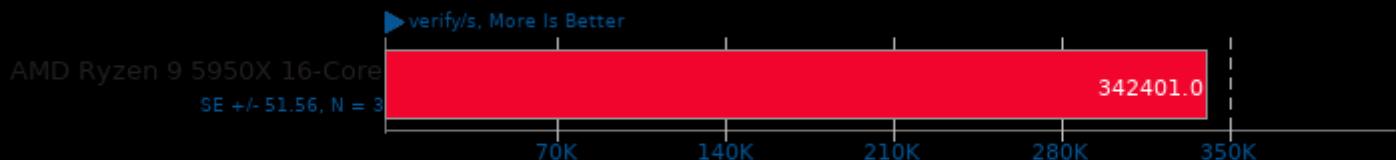
Algorithm: RSA4096



1. (CC) gcc options: -pthread -m64 -O3 -lssl -lcrypto -ldl

OpenSSL 3.0

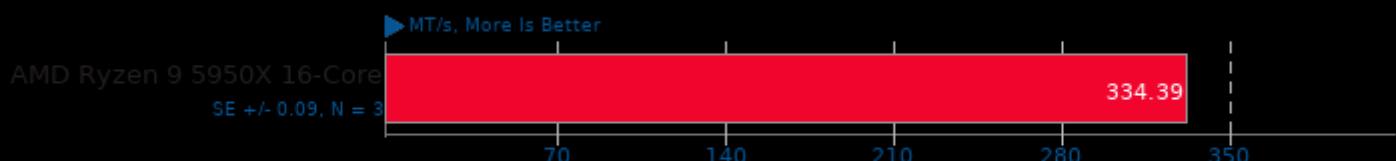
Algorithm: RSA4096



1. (CC) gcc options: -pthread -m64 -O3 -lssl -lcrypto -ldl

ASTC Encoder 4.0

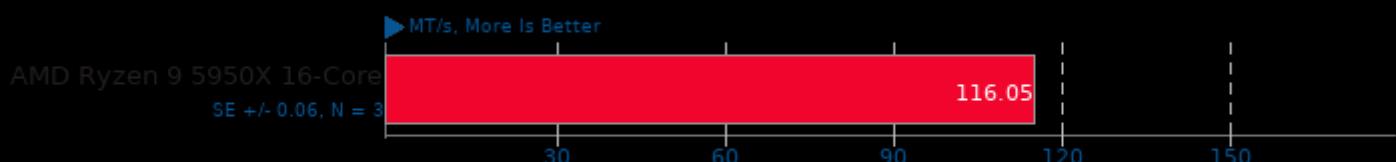
Preset: Fast



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

ASTC Encoder 4.0

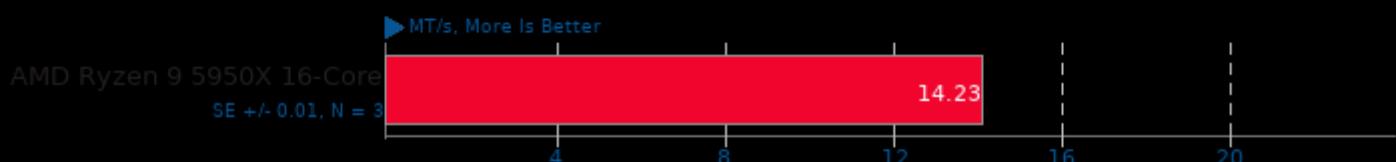
Preset: Medium



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

ASTC Encoder 4.0

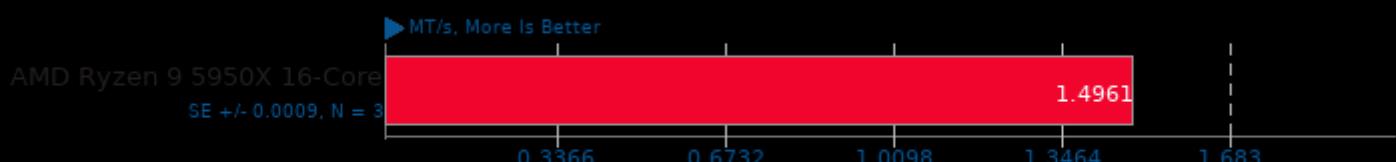
Preset: Thorough



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

ASTC Encoder 4.0

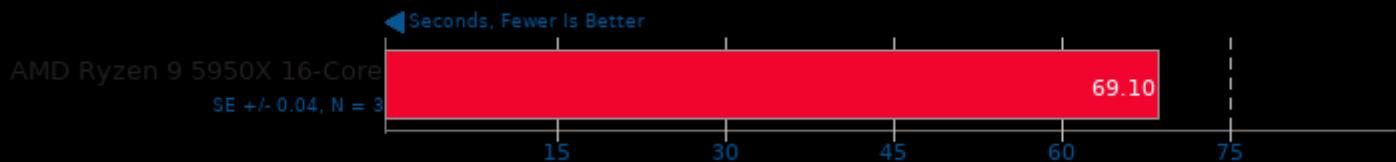
Preset: Exhaustive



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

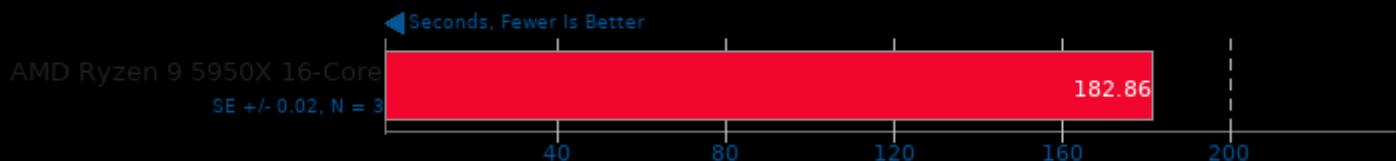
Blender 3.2

Blend File: BMW27 - Compute: CPU-Only



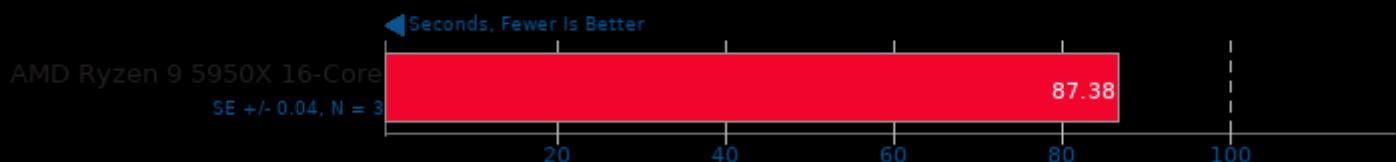
Blender 3.2

Blend File: Classroom - Compute: CPU-Only



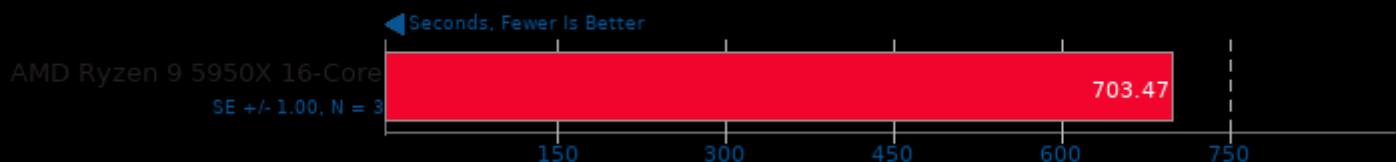
Blender 3.2

Blend File: Fishy Cat - Compute: CPU-Only



Blender 3.2

Blend File: Barbershop - Compute: CPU-Only



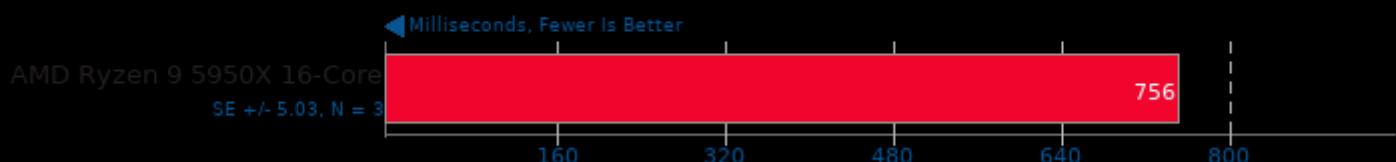
Blender 3.2

Blend File: Pabellon Barcelona - Compute: CPU-Only



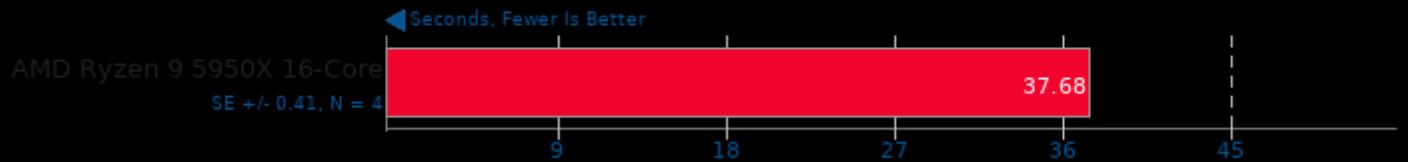
PyBench 2018-02-16

Total For Average Test Times



RAR Compression 6.0.2

Linux Source Tree Archiving To RAR



This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 20:44.