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# tst

Intel Pentium Dual E2220 testing with a Intel S3210SH (S3200X38.86B.00.00.0049.061620090955 BIOS) and llvmpipe on Ubuntu 18.04 via the Phoronix Test Suite.

## Test Systems:

### mikhail-S3210SH

Processor: Intel Pentium Dual E2220 @ 2.40GHz (2 Cores), Motherboard: Intel S3210SH (S3200X38.86B.00.00.0049.061620090955 BIOS), Chipset: Intel 3200/3210 + ICH9R, Memory: 2048 MB + 512 MB + 2048 MB + 512 MB DDR2-667MT/s, Disk: 2 x 160GB Seagate ST3160318AS, Graphics: llvmpipe, Monitor: 23EA53, Network: Intel 82566DM-2 + Intel 82541GI

OS: Ubuntu 18.04, Kernel: 4.15.0-124-generic (i686), Desktop: Openbox 3.6.1, Display Server: X Server 1.19.6, Display Driver: modesetting 1.19.6, OpenGL: 3.3 Mesa 20.0.8 (LLVM 10.0.0 128 bits), Compiler: GCC 7.5.0, File-System: ext4, Screen Resolution: 1280x800

Compiler Notes: --build=i686-linux-gnu --disable-vtable-verify --disable-werror --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++ --enable-libmpx --enable-libstdcxx-debug --enable-libstdcxx-time=yes

# tst

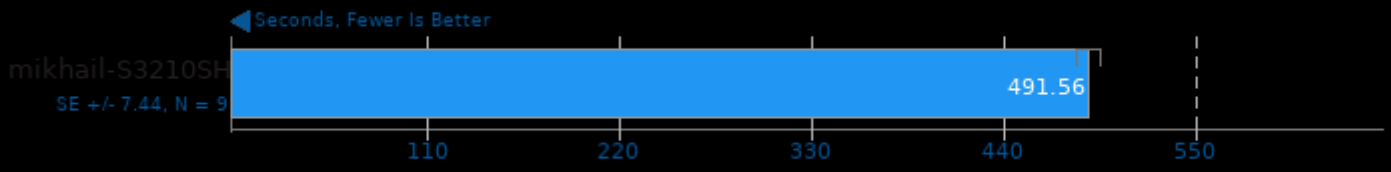
--enable-multiarch --enable-multilib --enable-nls --enable-objc-gc=auto --enable-plugin --enable-shared --enable-targets=all --enable-threads=posix --host=i686-linux-gnu --program-prefix=i686-linux-gnu- --target=i686-linux-gnu --with-arch-32=i686 --with-default-libstdcxx-abi=new --with-gcc-major-version-only --with-multilib-list=m32,m64,mx32 --with-target-system-zlib --with-tune=generic -v
Disk Notes: CFQ / data=ordered,errors=remount-ro,relatime,rw
Processor Notes: Scaling Governor: acpi-cpufreq ondemand - CPU Microcode: 0xa4
Security Notes: itlb_multihit: KVM: Vulnerable + l1tf: Mitigation of PTE Inversion + mds: Vulnerable: Clear buffers attempted no microcode; SMT disabled + meltdown: Mitigation of PTI + spec_store_bypass: Vulnerable + spectre_v1: Mitigation of usercopy/swapgs barriers and __user pointer sanitization + spectre_v2: Mitigation of Full generic retpoline STIBP: disabled RSB filling + srbds: Not affected + tsx_async_abort: Not affected

| | mikhail-S3210SH |
|---|---|
| **SQLite - 1 (sec)** | 491.564 |
| **Standard Deviation** | 4.5% |
| **RAMspeed SMP - Copy - Integer (MB/s)** | 2888 |
| **Standard Deviation** | 0.2% |
| **SciMark - Composite (Mflops)** | 249.03 |
| **Standard Deviation** | 0.2% |
| **x264 - H.2.V.E (FPS)** | 4.72 |
| **Standard Deviation** | 4.2% |
| **C-Ray - Total Time - 4.1.R.P.P (sec)** | 1185 |
| **Standard Deviation** | 2.9% |
| **FFmpeg - H.2.H.T.N.D (sec)** | 35.241 |
| **Standard Deviation** | 1.7% |
| **OpenSSL - R.4.b.P (Signs/sec)** | 28.3 |
| **Standard Deviation** | 1.5% |

# tst

## SQLite 3.30.1

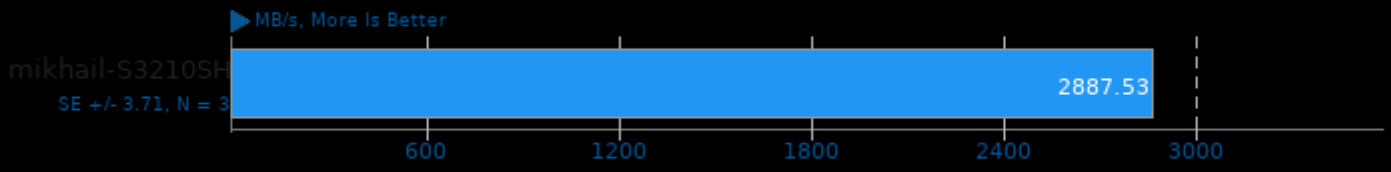
Threads / Copies: 1




1. (CC) gcc options: -O2 -lz -lm -ldl -lpthread

## RAMspeed SMP 3.5.0

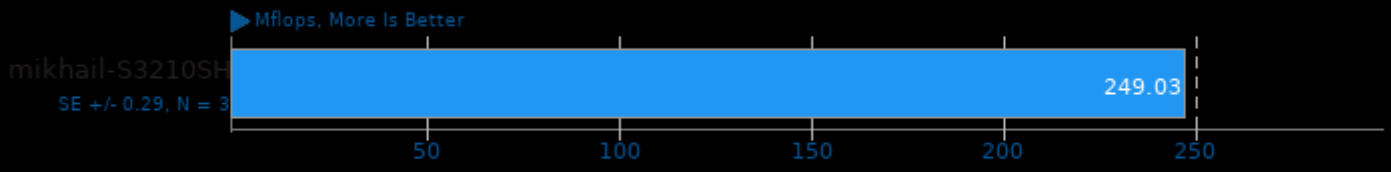
Type: Copy - Benchmark: Integer




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

## SciMark 2.0

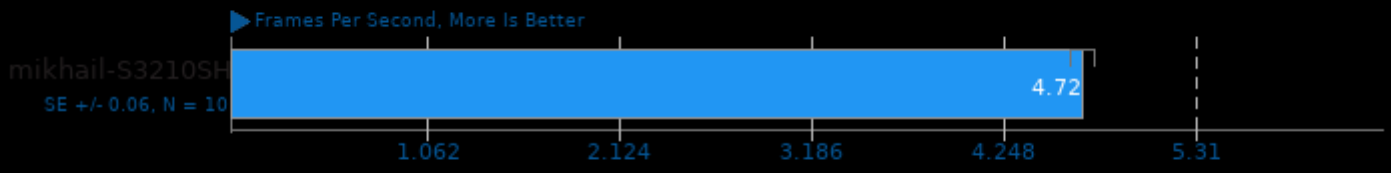
Computational Test: Composite




1. (CC) gcc options: -lm

## x264 2019-12-17

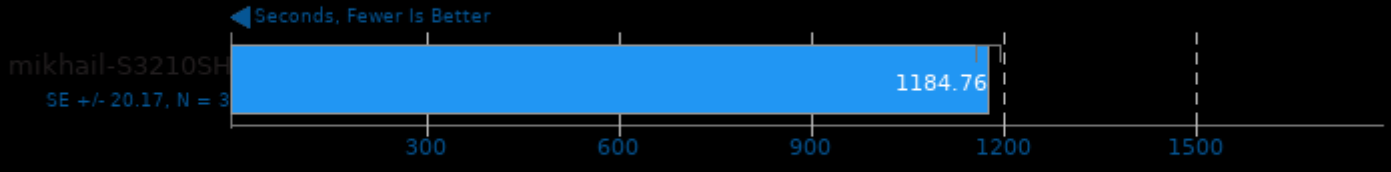
H.264 Video Encoding



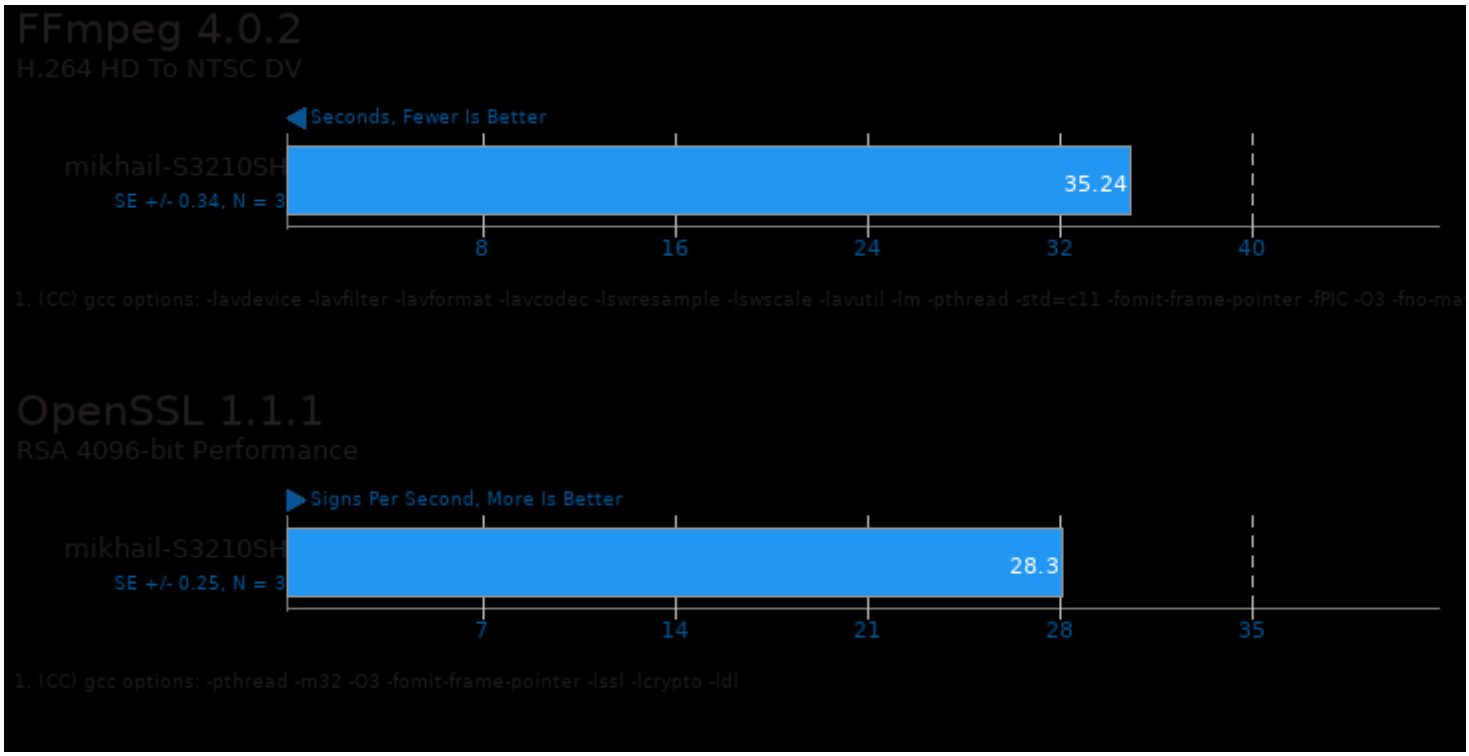

1. (CC) gcc options: -ldl -m32 -lm -lpthread -O3 -ffast-math -march=i686 -mfpmath=sse -msse -msse2 -std=gnu99 -fPIC -fomit-frame-pointer -fno-tree-ve

## C-Ray 1.1

Total Time - 4K, 16 Rays Per Pixel




1. (CC) gcc options: -lm -lpthread -O3




*This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 16:57.*