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## **first-benchmark-sample**

AMD Ryzen 9 3900X 12-Core testing with a ASUS TUF GAMING X570-PLUS (WI-FI) (2802 BIOS) and llvmpipe on Debian 10 via the Phoronix Test Suite.

### **Test Systems:**

#### **benchmark-sample**

Processor: AMD Ryzen 9 3900X 12-Core @ 3.80GHz (12 Cores / 24 Threads), Motherboard: ASUS TUF GAMING X570-PLUS (WI-FI) (2802 BIOS), Chipset: AMD Starship/Matisse, Memory: 126GB, Disk: 2 x 1000GB Samsung SSD 970 EVO Plus 1TB + 2 x 500GB Western Digital WDBNCE5000P, Graphics: llvmpipe, Audio: AMD Navi 10 HDMI Audio, Network: Realtek RTL8111/8168/8411 + Intel-AC 9260

OS: Debian 10, Kernel: 4.9.0-14-amd64 (x86\_64), Desktop: LXDE 0.10.0, Display Server: X Server 1.19.2, Display Driver: modesetting 1.19.2, OpenGL: 3.3 Mesa 18.3.6 (LLVM 7.0 128 bits), Compiler: GCC 8.3.0 + Open64 PARSE ERROR: Argument:-dumpversion Couldn't find match for argumentBrief USAGE: opencc [--noflush] [-i] [-o] [-c] [--] [-version] [-h]For complete USAGE and HELP type: opencc--help, File-System: ext4, Screen Resolution: 1680x1050

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++ --enable-libmpx --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-multilib --enable-nls --enable-objc-gc=auto --enable-offload-targets=nvptx-none --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-default-libstdcxx-abi=new --with-gcc-major-version-only --with-multilib-list=m32,m64,mx32 --with-target-system-zlib --with-tune=generic --without-cuda-driver -v

Processor Notes: Scaling Governor: acpi-cpufreq ondemand (Boost: Enabled) - CPU Microcode: 0x8701021

Python Notes: Python 2.7.16 + Python 3.7.3

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/swapgs barriers and \_\_user pointer sanitization + spectre\_v2: Mitigation of Full AMD retpoline IBPB: conditional STIBP: conditional RSB filling + srbs: Not affected + tsx\_async\_abort: Not affected

**benchmark-sample**

**7-Zip Compression - C.S.T (MIPS)** 79605

Standard Deviation 0.8%

**Timed MPlayer Compilation - Time To Compile (sec)** 11.616

Standard Deviation 1.7%

**Timed PHP Compilation - Time To Compile (sec)** 11.008

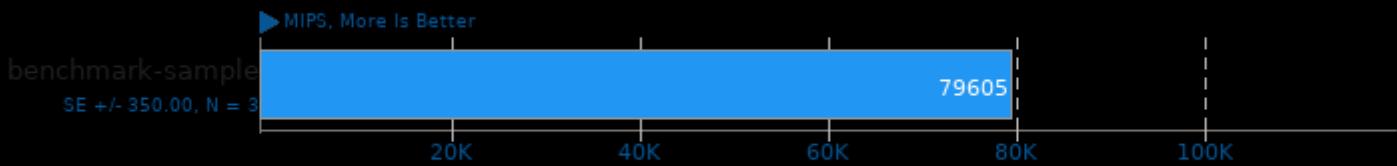
Standard Deviation 0.9%

**Gzip Compression - 2.F.C (sec)** 9.302

Standard Deviation 0.9%

## 7-Zip Compression 9.20.1

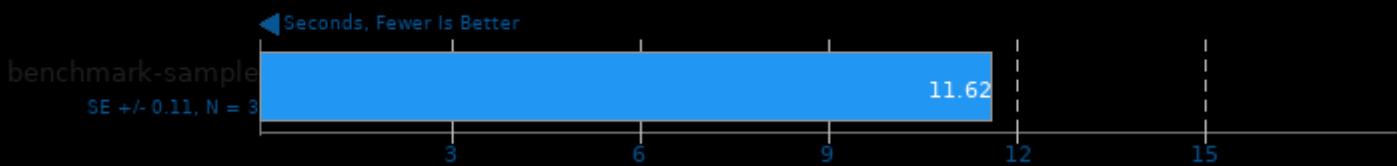
Compress Speed Test



1. (CXX) g++ options: -pipe -lpthread

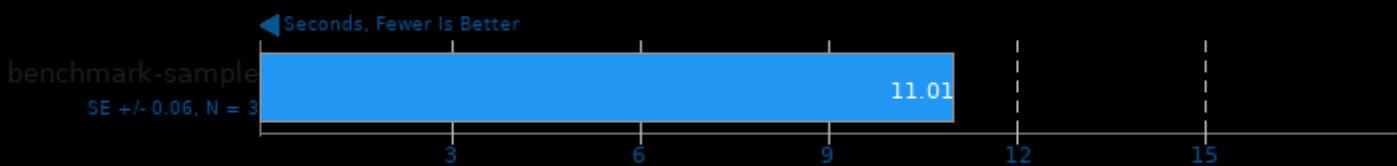
## Timed MPlayer Compilation 1.0-rc3

Time To Compile



## Timed PHP Compilation 5.2.9

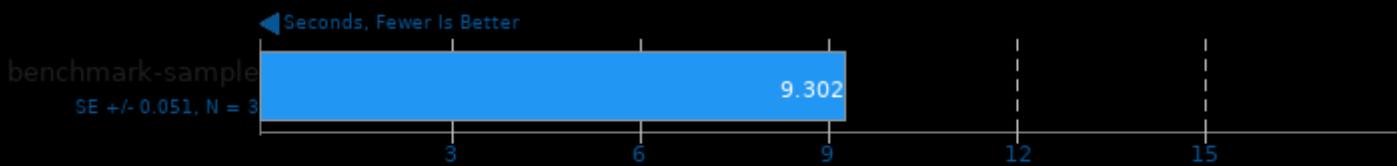
Time To Compile



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

## Gzip Compression

2GB File Compression



*This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 21:14.*