

www.phoronix-test-suite.com

linux-amd-ryzen-5700g-hd7850-basis

AMD Ryzen 7 5700G testing with a BIOSTAR X470GTQ (5.17 BIOS) and Sapphire AMD Radeon HD 7800 2GB on Ubuntu 22.04 via the Phoronix Test Suite.

Test Systems:

LINUX - AMD Ryzen 7 5700G + HD7850 - Basis Universal - 1

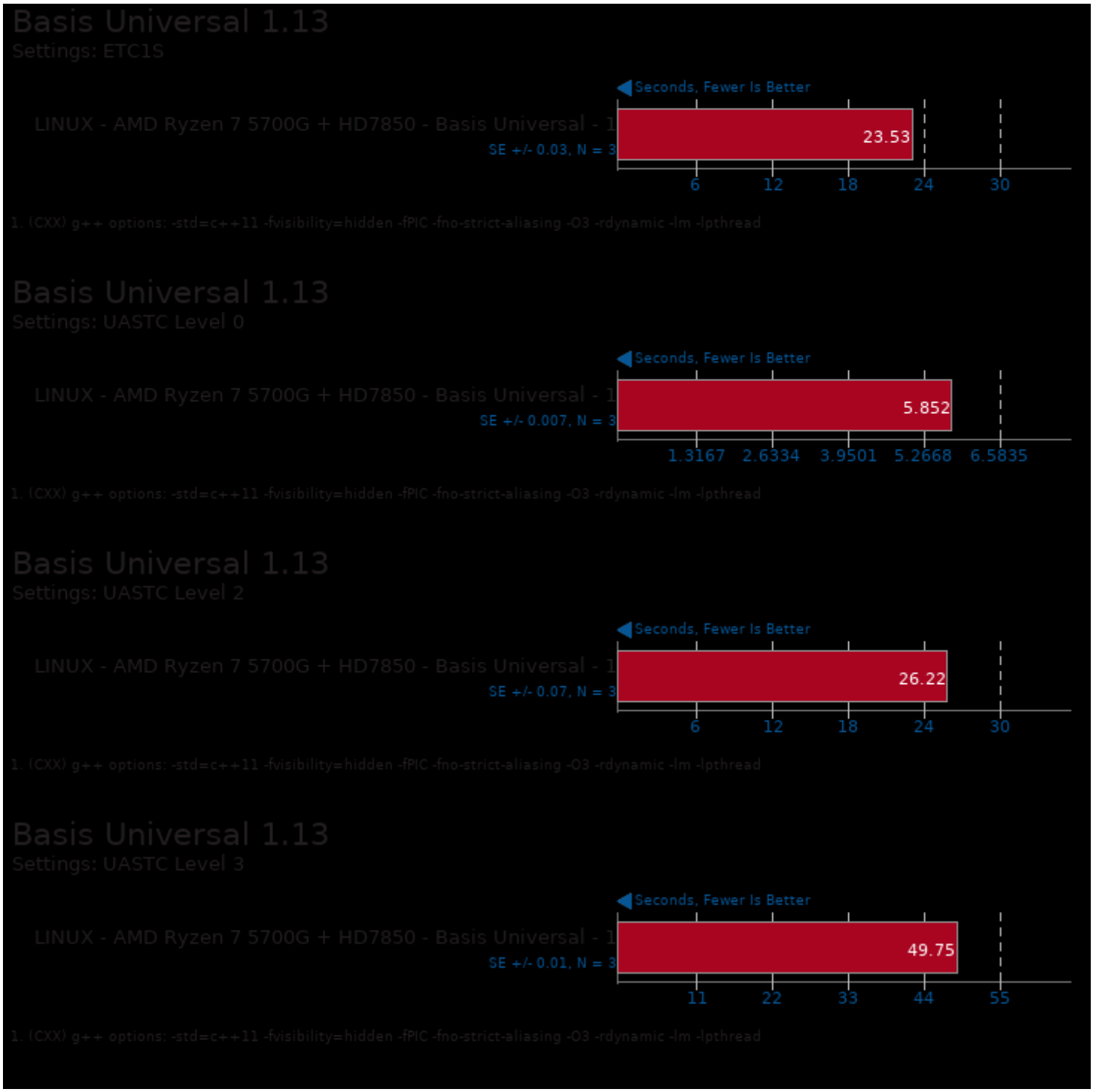
Processor: AMD Ryzen 7 5700G @ 3.80GHz (8 Cores / 16 Threads), Motherboard: BIOSTAR X470GTQ (5.17 BIOS), Chipset: AMD Renoir/Cezanne, Memory: 32GB, Disk: 2000GB Seagate FireCuda 530 ZP2000GM30013 + 2000GB CT2000MX500SSD1, Graphics: Sapphire AMD Radeon HD 7800 2GB, Audio: AMD Oland/Hainan/Cape, Monitor: PHILIPS FTV, Network: Realtek RTL8111/8168/8411

OS: Ubuntu 22.04, Kernel: 5.15.0-27-generic (x86_64), Desktop: GNOME Shell 42.0, Display Server: X Server 1.21.1.3 + Wayland, OpenGL: 4.6 Mesa 22.0.1 (LLVM 13.0.1 DRM 3.42), Vulkan: 1.2.204, Compiler: GCC 11.2.0, File-System: ext4, Screen Resolution: 1920x1080

Kernel Notes: radeon.si_support=0 radeon.cik_support=0 amdgpu.si_support=1 amdgpu.cik_support=1 - Transparent Huge Pages: madvise
Compiler Notes: --build=x86_64-linux-gnu --disable-vtable-verify --disable-werror --enable-bootstrap --enable-cet --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-serialization=2 --enable-multiarch --enable-multilib --enable-nls --enable-objc-gc=auto --enable-offload-targets=nvptx-none=/build/gcc-11-gBFGDP/gcc-11-11.2.0/debian/tmp-nvptx/usr,amdgcn-amdhsa=/build/gcc-11-gBFGDP/gcc-11-11.2.0/debian/tmp-gcn/usr --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: 0xa50000c
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 Retpolines IBPB: conditional IBRS_FW STIBP: always-on RSB filling + srbds: Not affected + tsx_async_abort: Not affected

	LINUX - AMD Ryzen 7 5700G + HD7850 - Basis Universal - 1
Basis Universal - ETC1S (sec)	23.526
Standard Deviation	0.2%
Basis Universal - UASTC Level 0 (sec)	5.852
Standard Deviation	0.2%
Basis Universal - UASTC Level 2 (sec)	26.221
Standard Deviation	0.4%
Basis Universal - UASTC Level 3 (sec)	49.746
Standard Deviation	0%



This file was automatically generated via the Phoronix Test Suite benchmarking software on Friday, 29 March 2024 01:45.