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renderbench1

AMD Ryzen 5 2600X Six-Core testing with a ASUS ROG STRIX B450-F GAMING (2901 BIOS) and MSI NVIDIA GeForce GTX 970 4GB on Arch rolling via the Phoronix Test Suite.

Test Systems:

gtx970asrock880

Processor: AMD Phenom II X4 955 @ 3.20GHz (4 Cores), Motherboard: ASRock 880GMH/USB3 (P1.50 BIOS), Chipset: AMD RS880 + SB7x0/SB8x0/SB9x0, Memory: 2 x 4096 MB 667MT/s, Disk: 1000GB Seagate ST1000DM003-1CH1 + 1000GB HGST HTS541010A9 + 3001GB Western Digital WD30EZRX-00M, Graphics: NVIDIA GeForce GTX 970 4GB (1113/3505MHz), Audio: Realtek ALC892, Monitor: AG191, Network: Realtek RTL8111/8168/8411

OS: Gentoo/Linux, Kernel: 5.1.6-gentoo (x86_64), Desktop: KDE Plasma 5.15.5, Display Server: X Server 1.20.5, Display Driver: NVIDIA 430.14, OpenGL: 4.6.0, Vulkan: 1.1.99, Compiler: GCC 9.1.0, File-System: ext4, Screen Resolution: 3200x1080

renderbench1

Compiler Notes: --bindir=/usr/x86_64-pc-linux-gnu/gcc-bin/9.1.0 --build=x86_64-pc-linux-gnu --datadir=/usr/share/gcc-data/x86_64-pc-linux-gnu/9.1.0 --disable-altivec --disable-esp --disable-fixed-point --disable-libmudflap --disable-libssp --disable-systemtap --disable-werror --enable-__cxa_atexit --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-default-ssp --enable-languages=c,c++,fortran --enable-libgomp --enable-libstdcxx-time --enable-lto --enable-multilib --enable-nls --enable-obsolete --enable-secureplt --enable-shared --enable-targets=all --enable-threads=posix --enable-vtable-verify --host=x86_64-pc-linux-gnu --includedir=/usr/lib/gcc/x86_64-pc-linux-gnu/9.1.0/include --mandir=/usr/share/gcc-data/x86_64-pc-linux-gnu/9.1.0/man --with-multilib-list=m32,m64 --with-python-dir=/share/gcc-data/x86_64-pc-linux-gnu/9.1.0/python --without-isl
Processor Notes: Scaling Governor: acpi-cpufreq userspace
Security Notes: __user pointer sanitization + Full AMD retpoline STIBP: disabled RSB filling

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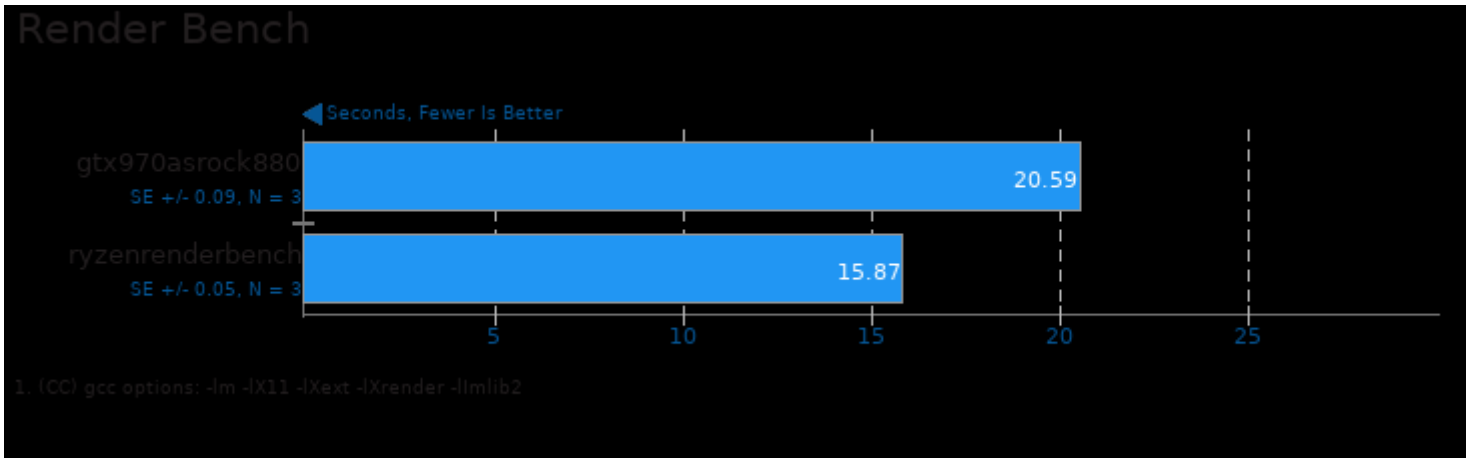
Processor: AMD Ryzen 5 2600X Six-Core @ 3.80GHz (6 Cores / 12 Threads), Motherboard: ASUS ROG STRIX B450-F GAMING (2901 BIOS), Chipset: AMD 17h, Memory: 16384MB, Disk: 180GB INTEL SSDSC2CW18 + 1000GB Seagate ST1000DM003-1CH1 + 3001GB Western Digital WD30EZRX-00M + 1000GB 024 HN-M101MBB, Graphics: MSI NVIDIA GeForce GTX 970 4GB (1113/3505MHz), Audio: NVIDIA GM204 HD Audio, Monitor: E2041, Network: Intel I211

OS: Arch rolling, Kernel: 5.4.1-zen2-1-zen (x86_64), Desktop: Xfce 4.14, Display Server: X Server 1.20.6, Display Driver: NVIDIA 440.36, OpenGL: 4.6.0, Vulkan: 1.1.119, Compiler: GCC 9.2.0 + Clang 9.0.0 + LLVM 9.0.0, File-System: ext4, Screen Resolution: 2820x1600

Compiler Notes: --disable-libssp --disable-libstdcxx-pch --disable-libunwind-exceptions --disable-werror --enable-__cxa_atexit --enable-cet=auto --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-default-ssp --enable-gnu-indirect-function --enable-gnu-unique-object --enable-install-libiberty --enable-languages=c,c++,ada,fortran,go,lto,objc,obj-c++,d --enable-lto --enable-multilib --enable-plugin --enable-shared --enable-threads=posix --mandir=/usr/share/man --with-isl --with-linker-hash-style=gnu
Processor Notes: Scaling Governor: acpi-cpufreq schedutil
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: disabled RSB filling + tsx_async_abort: Not affected

	gtx970asrock880	ryzenrenderbench
Render Bench (sec)	**20.59**	**15.87**
Normalized	77.08%	100%
Standard Deviation	0.8%	0.5%

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This file was automatically generated via the Phoronix Test Suite benchmarking software on Friday, 29 March 2024 07:28.