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AMD Ryzen Threadripper 2950X 16-Core testing with a MSI MEG X399 CREATION (MS-7B92) v1.0 (1.30 BIOS) and AMD FirePro V4900 1GB on Debian 10 via the Phoronix Test Suite.

Test Systems:

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Processor: AMD Ryzen Threadripper 2950X 16-Core @ 3.50GHz (16 Cores / 32 Threads), Motherboard: MSI MEG X399 CREATION (MS-7B92) v1.0 (1.30 BIOS), Chipset: AMD 17h, Memory: 32GB, Disk: Samsung SSD 970 EVO 250GB, Graphics: AMD FirePro V4900 1GB, Audio: Realtek ALC1220, Monitor: VA2431, Network: 2 x Intel I211 + Intel-AC 9260

OS: Debian 10, Kernel: 5.8.1-050801-generic (x86_64), Desktop: GNOME Shell 3.30.2, Display Server: X Server 1.20.4

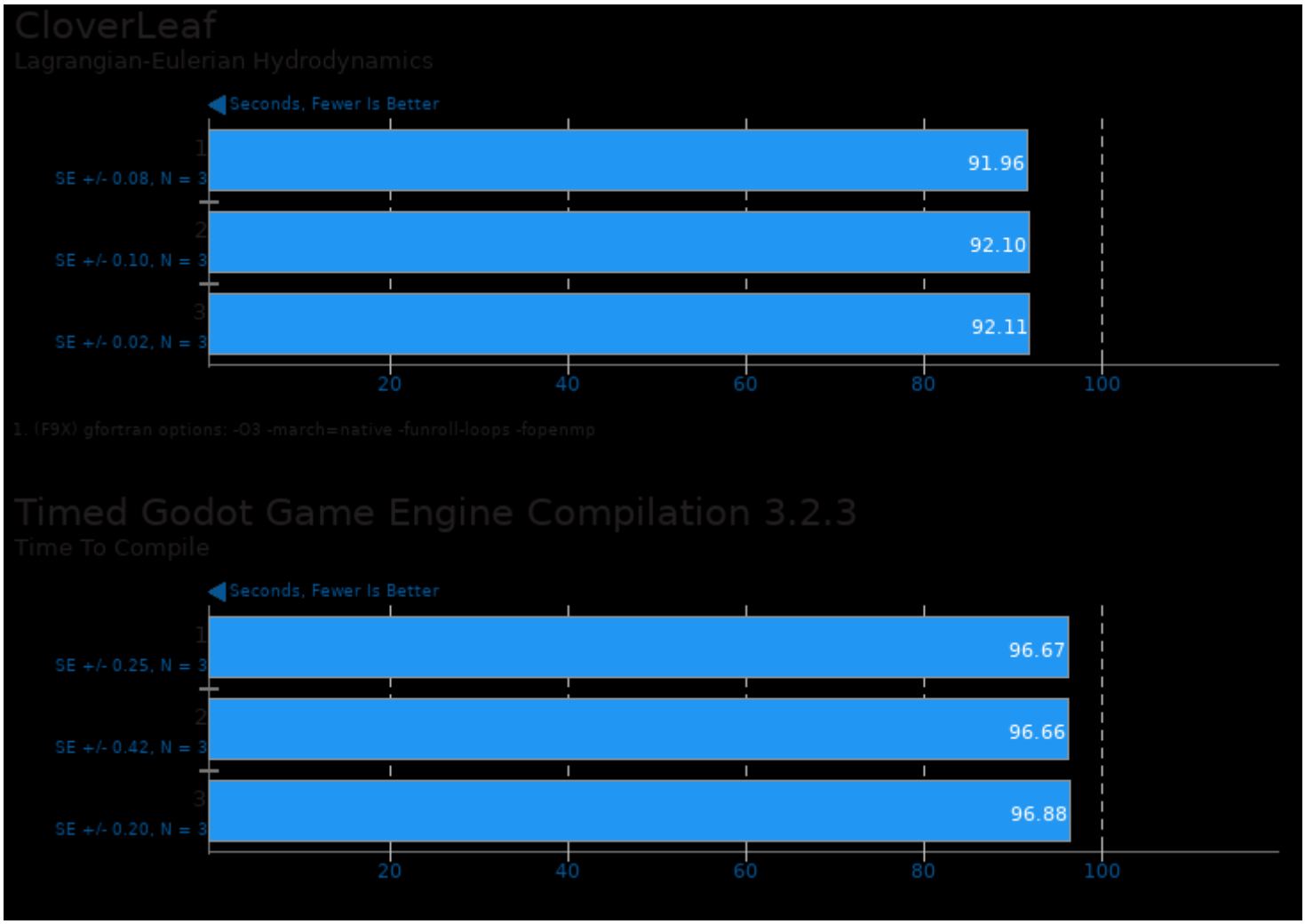
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+ Wayland, Display Driver: modesetting 1.20.4, OpenGL: 3.3 Mesa 18.3.6 (LLVM 7.0.1), Compiler: GCC 8.3.0, File-System: ext4, Screen Resolution: 1920x1080

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-multiarch --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 performance (Boost: Enabled) - CPU Microcode: 0x800820b
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: disabled RSB filling + srbds: Not affected + tsx_async_abort: Not affected

	1	2	3
CloverLeaf - L.E.H (sec)	**91.96**	92.10	**92.11**
Normalized	100%	99.85%	99.84%
Standard Deviation	0.1%	0.2%	0%
Timed Godot Game Engine Compilation - Time To Compile (sec)	96.665	**96.663**	**96.884**
Normalized	100%	100%	99.77%
Standard Deviation	0.4%	0.8%	0.4%

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This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 05:56.