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# 10700t kvazaa

Intel Core i7-10700T testing with a Logic Supply RXM-181 (Z01-0002A026 BIOS) and Intel UHD 630 CML GT2 3GB on Ubuntu 21.04 via the Phoronix Test Suite.

**Automated Executive Summary**

*1 had the most wins, coming in first place for 50% of the tests.*

*Based on the geometric mean of all complete results, the fastest (1) was 1.003x the speed of the slowest (3). 2 was 0.998x the speed of 1 and 3 was 0.998x the speed of 2.*

## Test Systems:

**1**

**2**

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## 3

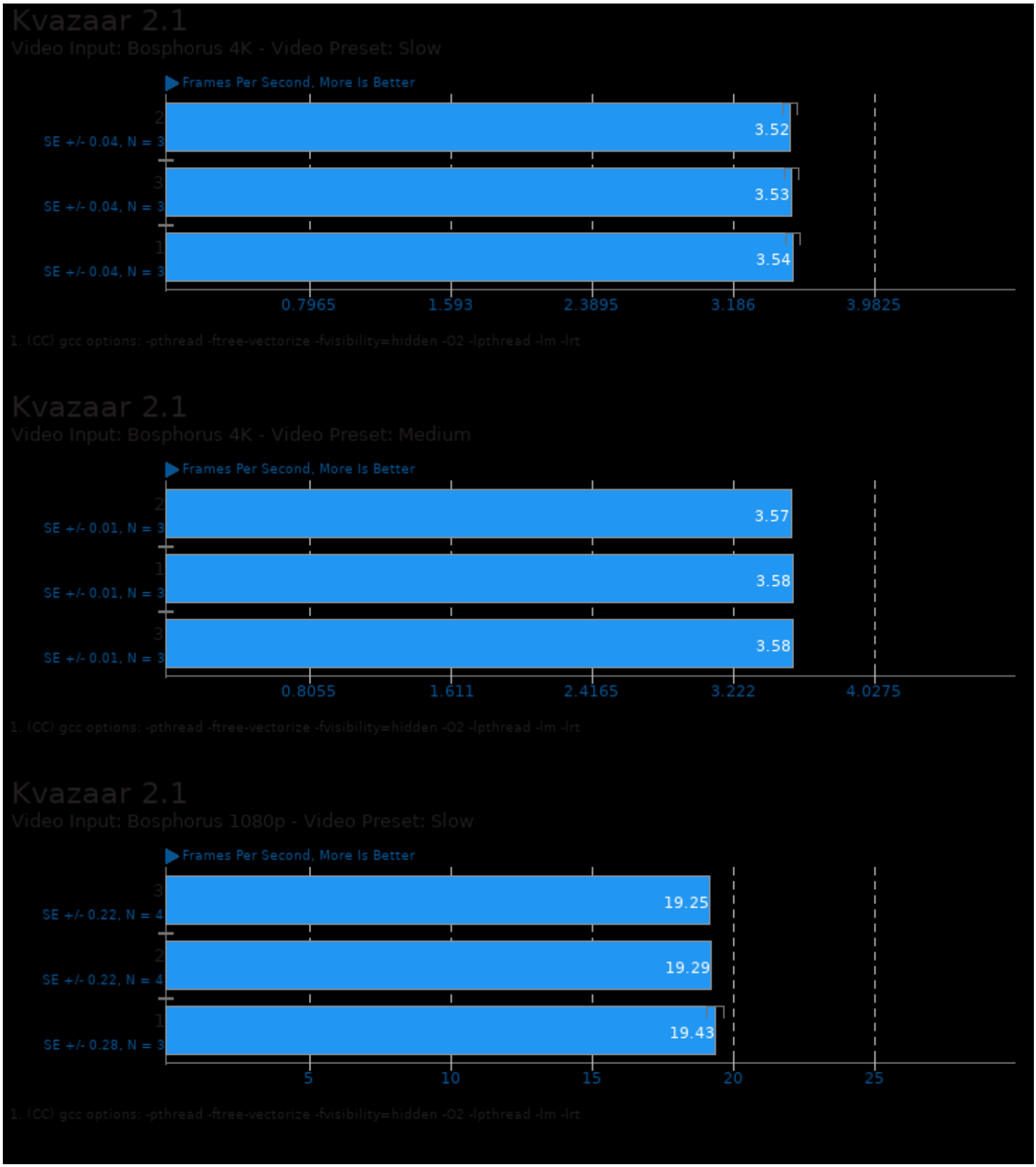
Processor: Intel Core i7-10700T @ 4.50GHz (8 Cores / 16 Threads), Motherboard: Logic Supply RXM-181 (Z01-0002A026 BIOS), Chipset: Intel Comet Lake PCH, Memory: 32GB, Disk: 256GB TS256GMTS800, Graphics: Intel UHD 630 CML GT2 3GB (1200MHz), Audio: Realtek ALC233, Monitor: DELL P2415Q, Network: Intel I219-LM + Intel I210

OS: Ubuntu 21.04, Kernel: 5.11.0-37-generic (x86_64), Desktop: GNOME Shell 3.38.4, Display Server: X Server + Wayland, OpenGL: 4.6 Mesa 21.0.1, Vulkan: 1.2.145, Compiler: GCC 10.3.0, File-System: ext4, Screen Resolution: 1920x1080

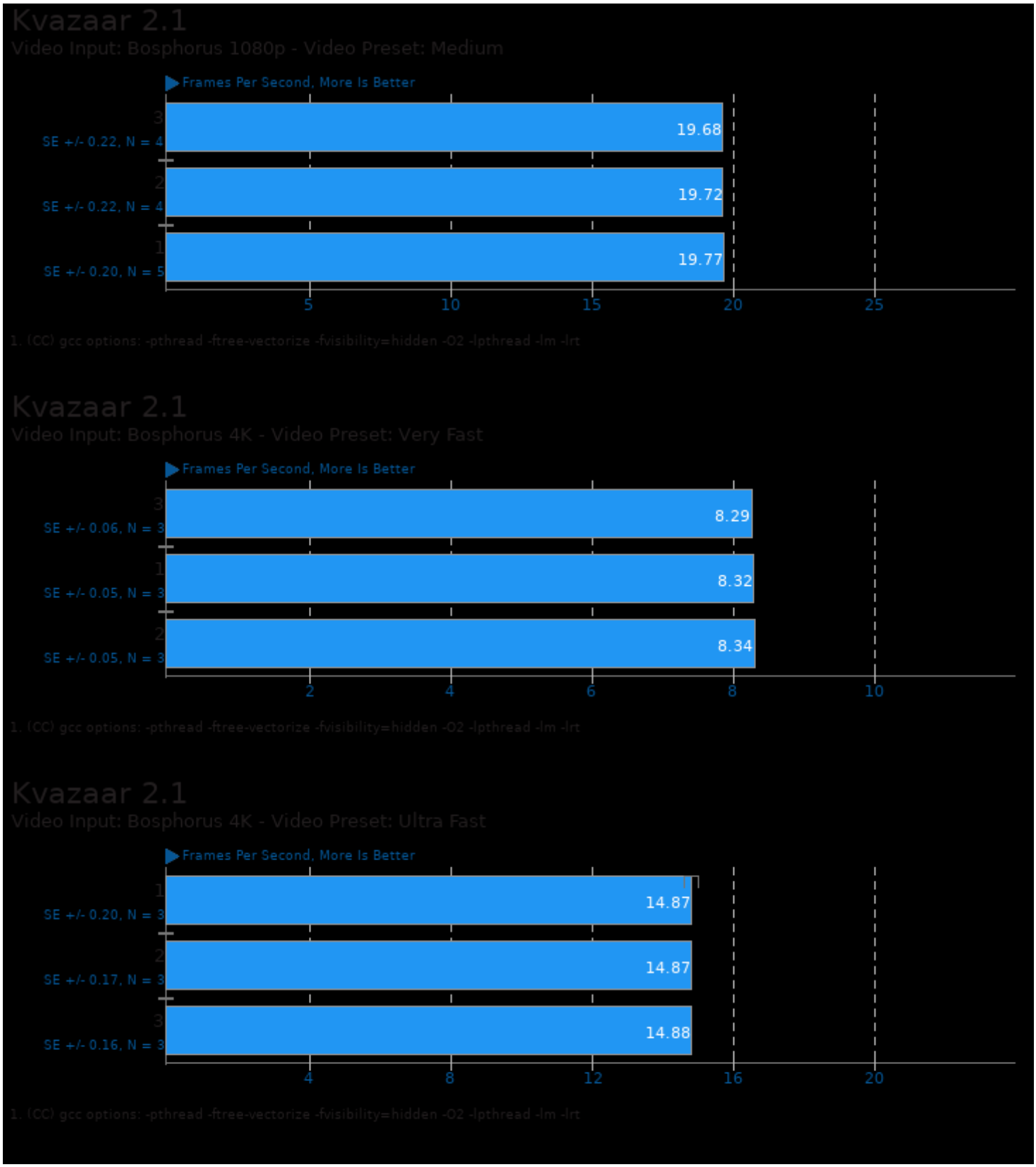
Kernel Notes: Transparent Huge Pages: madvise
Compiler Notes: --build=x86_64-linux-gnu --disable-vtable-verify --disable-werror --enable-bootstrap --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-gnu-unique-object --enable-languages=c,ada,c++,go,brig,d,fortran,objc,obj-c++,m2 --enable-libphobos-checking=release --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-link-mutex --enable-multiarch --enable-multilib --enable-nls --enable-objc-gc=auto --enable-offload-targets=nvptx-none=/build/gcc-10-gDeRY6/gcc-10-10.3.0/debian/tmp-nvptx/usr,amdgcn-amdhsa=/build/gcc-10-gDeRY6/gcc-10-10.3.0/debian/tmp-gcn/usr, hsa --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: intel_pstate powersave - CPU Microcode: 0xec - Thermald 2.4.3
Security Notes: itlb_multihit: KVM: Mitigation of VMX disabled + 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 Enhanced IBRS IBPB: conditional RSB filling + srbds: Not affected + tsx_async_abort: Not affected

| | 1 | 2 | 3 |
|---|---|---|---|
| **Kvazaar - Bosphorus 4K - Slow (FPS)** | **3.54** | **3.52** | 3.53 |
| **Normalized** | 100% | 99.44% | 99.72% |
| **Standard Deviation** | 1.9% | 2% | 2.1% |
| **Kvazaar - Bosphorus 4K - Medium (FPS)** | **3.58** | **3.57** | **3.58** |
| **Normalized** | 100% | 99.72% | 100% |
| **Standard Deviation** | 0.6% | 0.4% | 0.3% |
| **Kvazaar - Bosphorus 1080p - Slow (FPS)** | **19.43** | 19.29 | **19.25** |
| **Normalized** | 100% | 99.28% | 99.07% |
| **Standard Deviation** | 2.5% | 2.3% | 2.3% |
| **Kvazaar - Bosphorus 1080p - Medium (FPS)** | **19.77** | 19.72 | **19.68** |
| **Normalized** | 100% | 99.75% | 99.54% |
| **Standard Deviation** | 2.2% | 2.3% | 2.2% |
| **Kvazaar - Bosphorus 4K - Very Fast (FPS)** | 8.32 | **8.34** | **8.29** |
| **Normalized** | 99.76% | 100% | 99.4% |
| **Standard Deviation** | 1% | 1% | 1.2% |
| **Kvazaar - Bosphorus 4K - Ultra Fast (FPS)** | **14.87** | **14.87** | **14.88** |
| **Normalized** | 99.93% | 99.93% | 100% |
| **Standard Deviation** | 2.4% | 2% | 1.9% |
| **Kvazaar - Bosphorus 1080p - Very Fast (FPS)** | 38.74 | **38.76** | **38.56** |
| **Normalized** | 99.95% | 100% | 99.48% |
| **Standard Deviation** | 2.8% | 2.7% | 2.7% |
| **Kvazaar - Bosphorus 1080p - Ultra Fast** | 72.84 | **72.90** | **72.65** |
| **Normalized** | 99.92% | 100% | 99.66% |
| **Standard Deviation** | 5.4% | 5.4% | 6% |

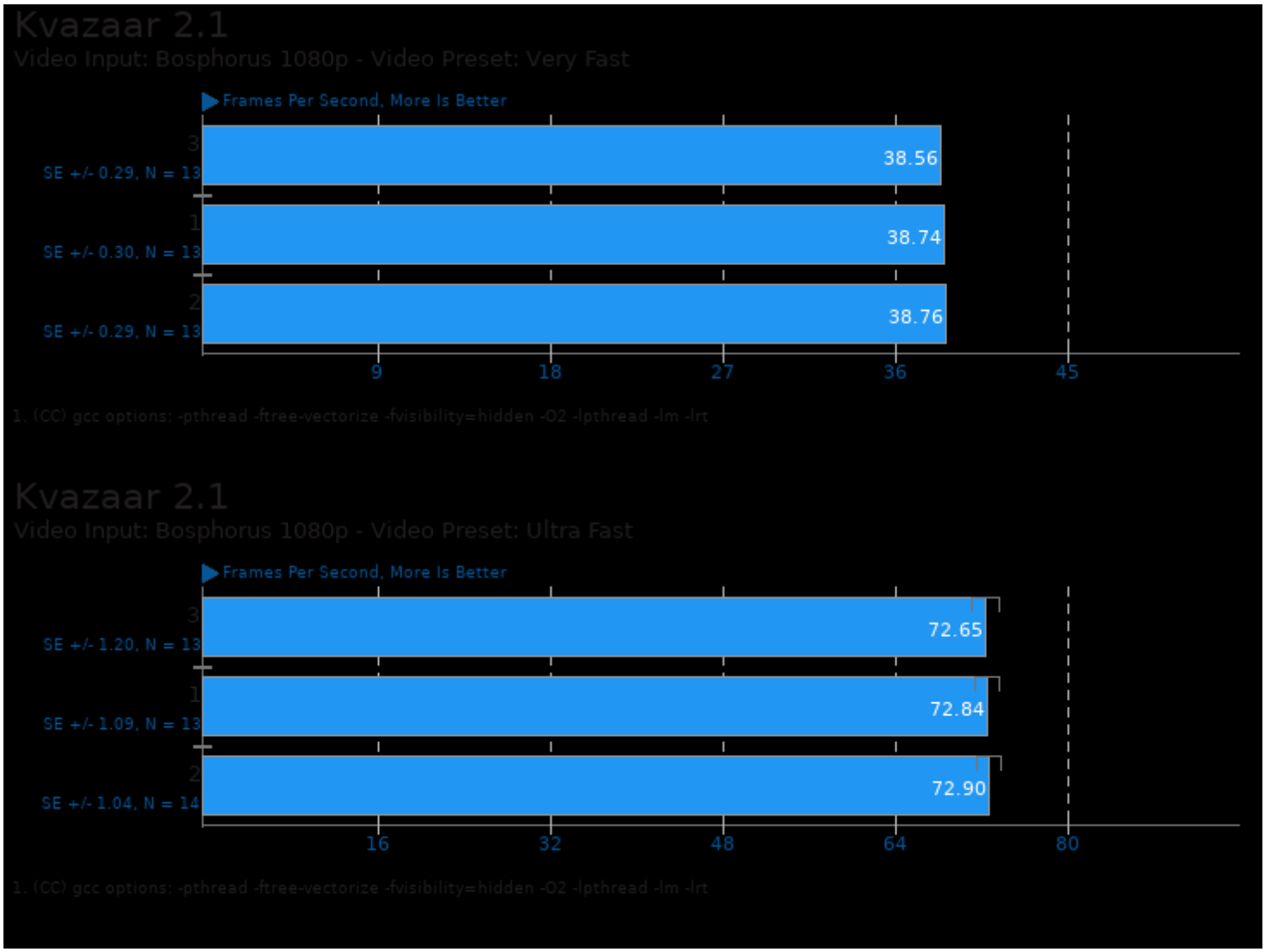
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*This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 12:06.*