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# alderlake gt1 xonotic

Intel Core i5-12600K testing with a ASUS PRIME Z690-P WIFI D4 (0605 BIOS) and ASUS Intel ADL-S GT1 15GB on Ubuntu 22.04 via the Phoronix Test Suite.

**Automated Executive Summary**

*B had the most wins, coming in first place for 56% of the tests.*

*Based on the geometric mean of all complete results, the fastest (B) was 1.001x the speed of the slowest (A).*

## Test Systems:

### A

### B

Processor: Intel Core i5-12600K @ 6.30GHz (10 Cores / 16 Threads), Motherboard: ASUS PRIME Z690-P WIFI D4 (0605 BIOS), Chipset: Intel Device 7aa7, Memory: 16GB, Disk: 1000GB Western Digital WDS100T1X0E-00AFY0,

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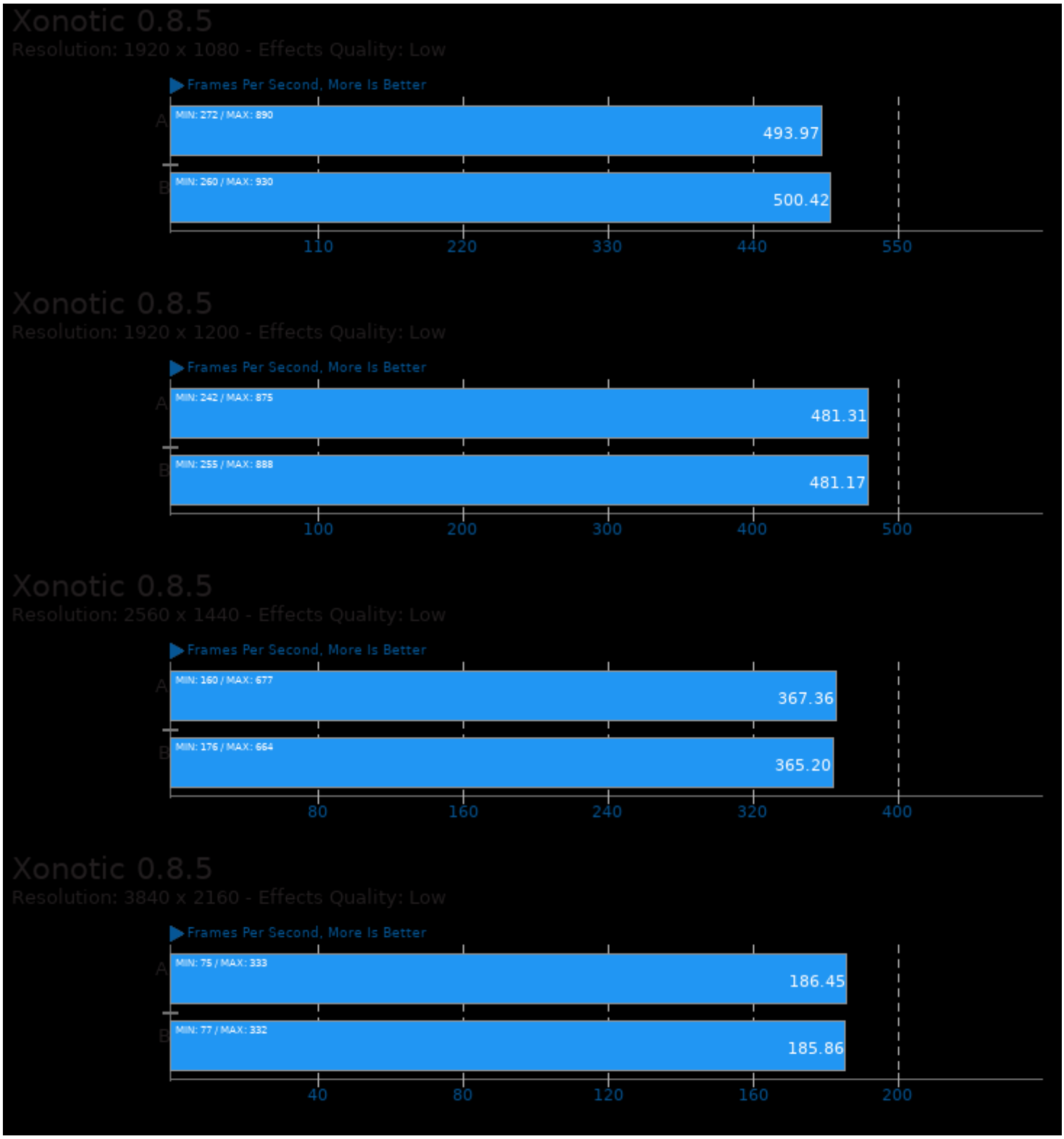
Graphics: ASUS Intel ADL-S GT1 15GB (1450MHz), Audio: Realtek ALC897, Monitor: ASUS MG28U, Network: Realtek RTL8125 2.5GbE + Intel Device 7af0

OS: Ubuntu 22.04, Kernel: 5.19.0-rc4-phx-fast (x86_64), Desktop: GNOME Shell 42.1, Display Server: X Server 1.21.1.3 + Wayland, OpenGL: 4.6 Mesa 22.0.1, OpenCL: OpenCL 3.0, Vulkan: 1.2.204, Compiler: GCC 11.2.0, File-System: ext4, Screen Resolution: 3840x2160

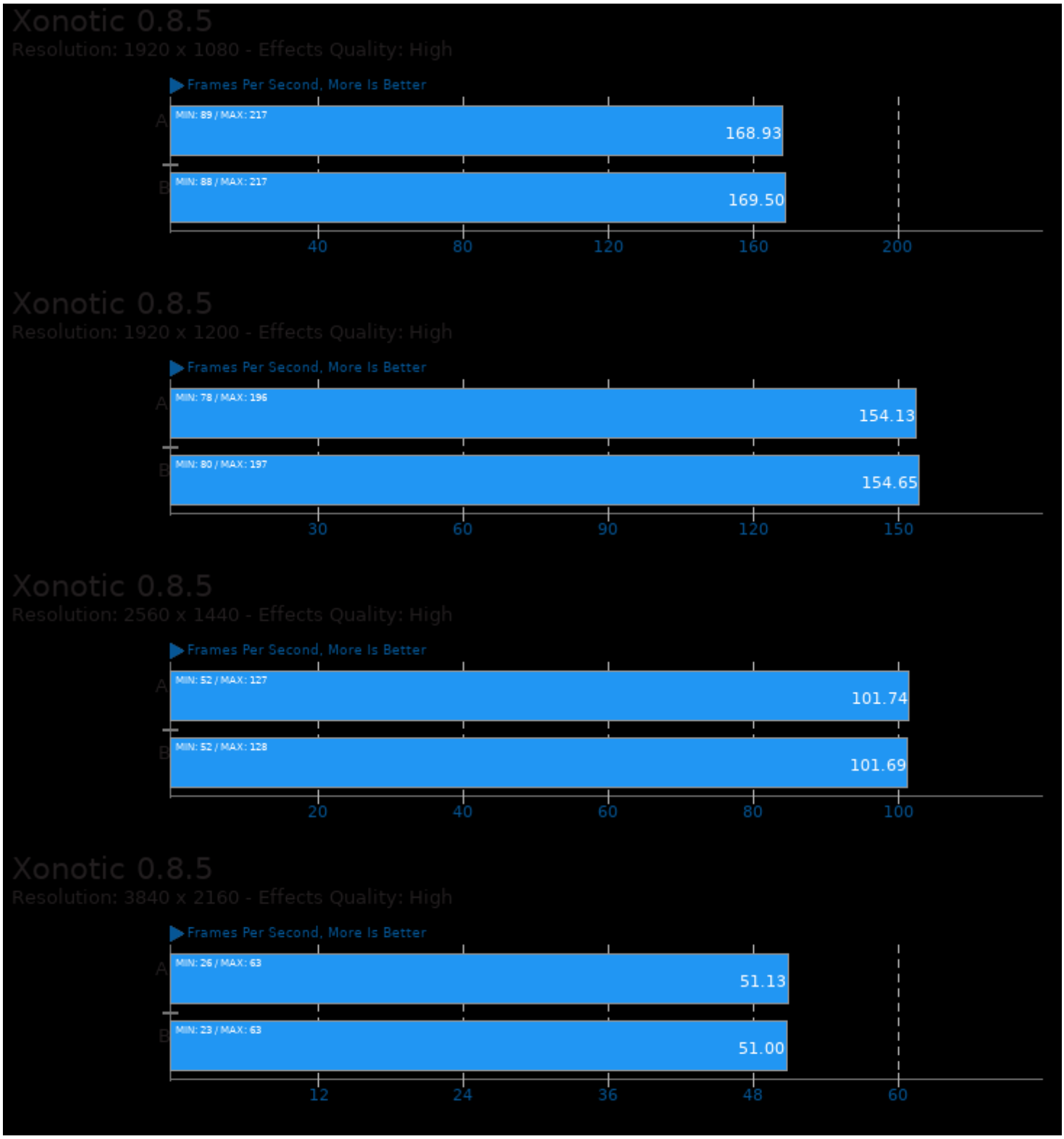
Kernel Notes: Transparent Huge Pages: madvise
Processor Notes: Scaling Governor: intel_pstate powersave (EPP: balance_performance) - CPU Microcode: 0x1f - Thermald 2.4.9
Security Notes: itlb_multihit: Not affected + l1tf: Not affected + mds: Not affected + meltdown: Not affected + mmio_stale_data: Not affected + spec_store_bypass: Mitigation of SSB disabled via prctl + 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

| | A | B |
|---|---|---|
| **Xonotic - 1920 x 1080 - Low (FPS)** | **493.9698203** | **500.4165089** |
| **Normalized** | 98.71% | 100% |
| **Xonotic - 1920 x 1200 - Low (FPS)** | **481.3050023** | **481.1695324** |
| **Normalized** | 100% | 99.97% |
| **Xonotic - 2560 x 1440 - Low (FPS)** | **367.3564282** | **365.2048453** |
| **Normalized** | 100% | 99.41% |
| **Xonotic - 3840 x 2160 - Low (FPS)** | **186.4497107** | **185.8596122** |
| **Normalized** | 100% | 99.68% |
| **Xonotic - 1920 x 1080 - High (FPS)** | **168.9336878** | **169.4991867** |
| **Normalized** | 99.67% | 100% |
| **Xonotic - 1920 x 1200 - High (FPS)** | **154.1321609** | **154.6532365** |
| **Normalized** | 99.66% | 100% |
| **Xonotic - 2560 x 1440 - High (FPS)** | **101.7376849** | **101.6876162** |
| **Normalized** | 100% | 99.95% |
| **Xonotic - 3840 x 2160 - High (FPS)** | **51.1309271** | **50.9983234** |
| **Normalized** | 100% | 99.74% |
| **Xonotic - 1920 x 1080 - Ultra (FPS)** | **131.8187377** | **131.8104758** |
| **Normalized** | 100% | 99.99% |
| **Xonotic - 1920 x 1200 - Ultra (FPS)** | **121.7971907** | **121.8758668** |
| **Normalized** | 99.94% | 100% |
| **Xonotic - 2560 x 1440 - Ultra (FPS)** | **82.4450897** | **82.5446804** |
| **Normalized** | 99.88% | 100% |
| **Xonotic - 3840 x 2160 - Ultra (FPS)** | **43.1761639** | **43.0925437** |
| **Normalized** | 100% | 99.81% |
| **Xonotic - 1920 x 1080 - Ultimate (FPS)** | **100.2154258** | **100.4501777** |
| **Normalized** | 99.77% | 100% |
| **Xonotic - 1920 x 1200 - Ultimate (FPS)** | **92.9713007** | **93.0140936** |
| **Normalized** | 99.95% | 100% |
| **Xonotic - 2560 x 1440 - Ultimate (FPS)** | **63.5789462** | **63.7321202** |
| **Normalized** | 99.76% | 100% |
| **Xonotic - 3840 x 2160 - Ultimate (FPS)** | **33.8335584** | **33.863968** |
| **Normalized** | 99.91% | 100% |

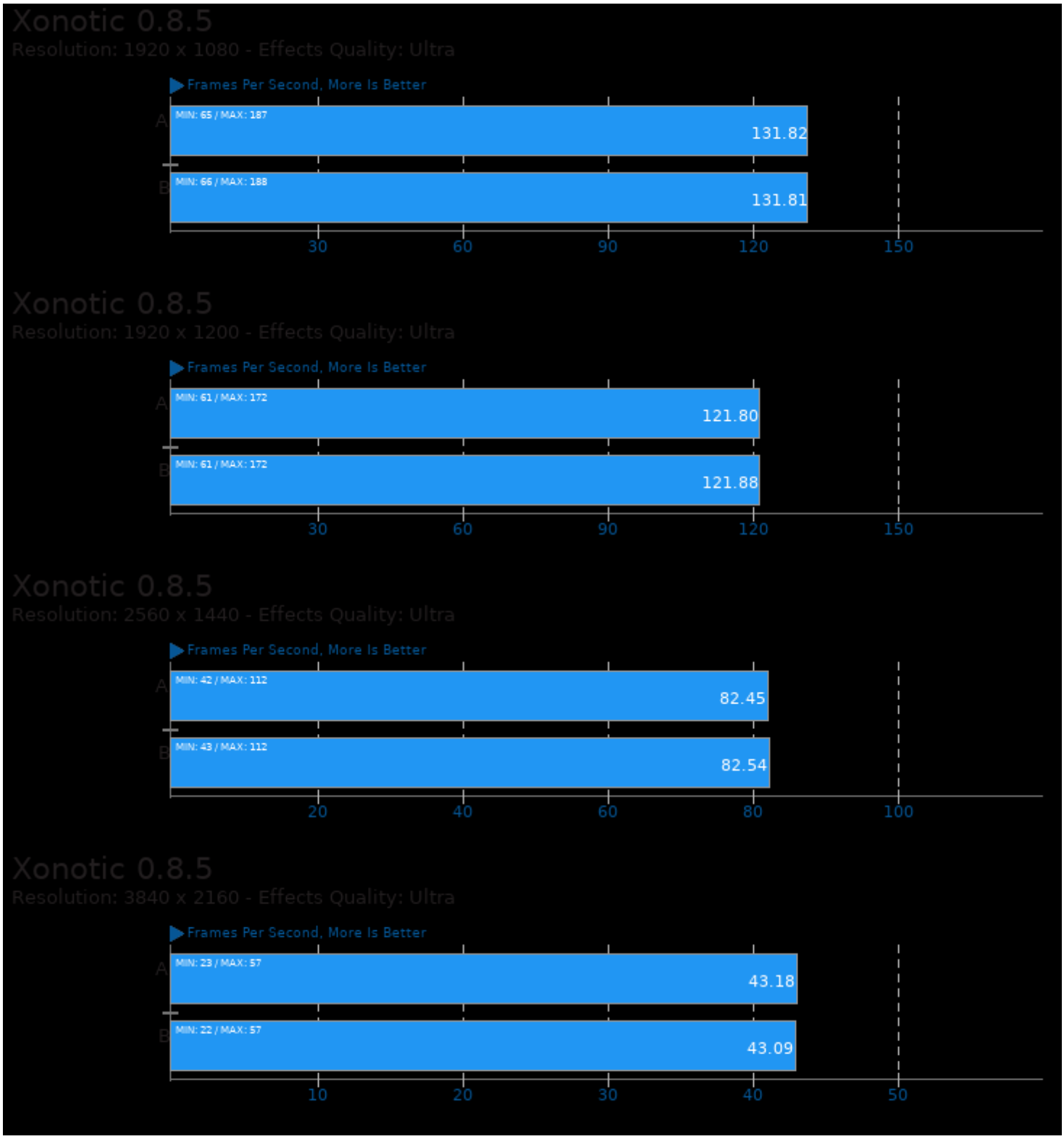
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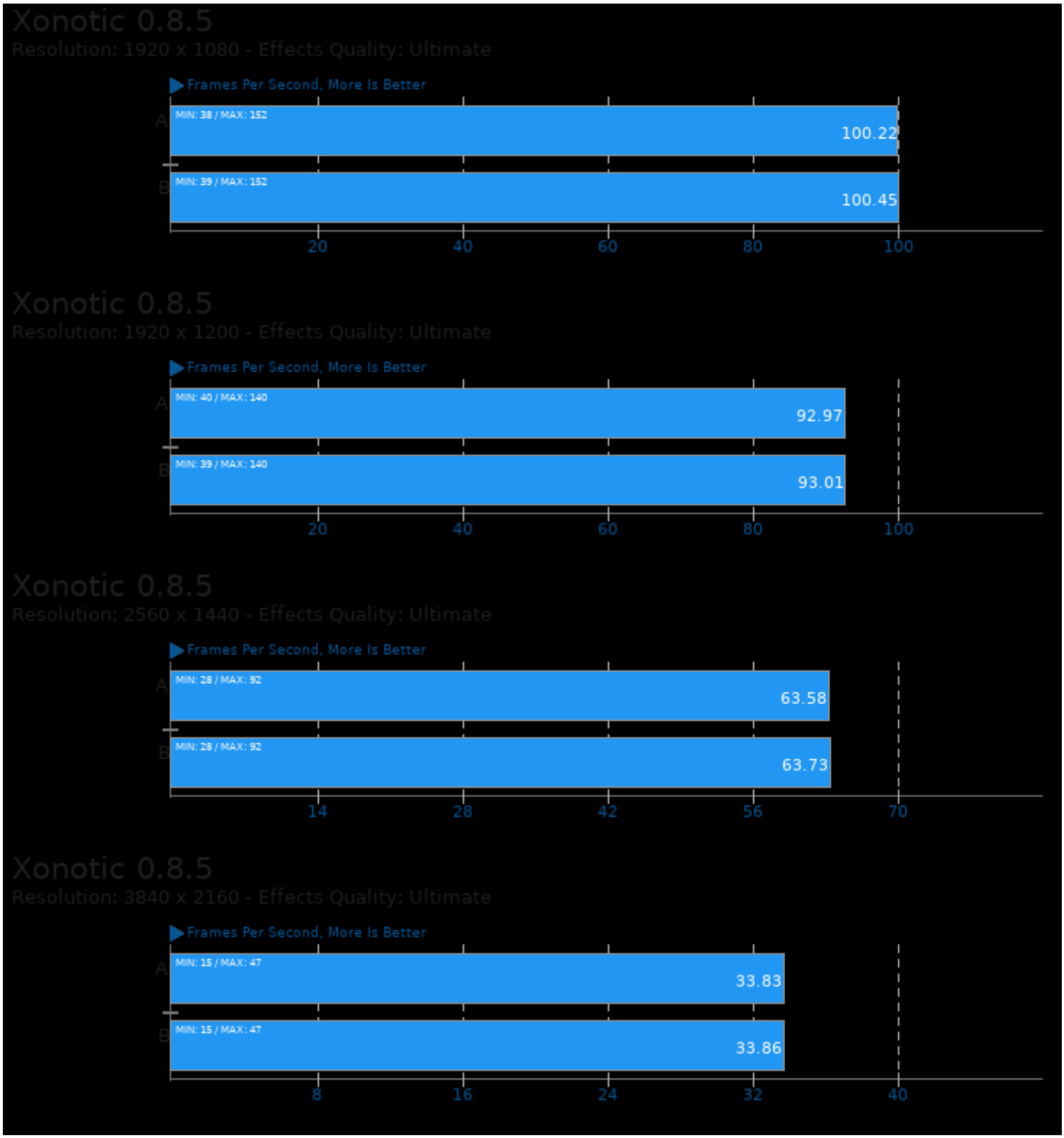
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*This file was automatically generated via the Phoronix Test Suite benchmarking software on Friday, 29 March 2024 10:15.*