



fedora35ryzen3600

AMD Ryzen 5 3600 6-Core testing with a Gigabyte B450 AORUS M (F50 BIOS) and ASUS AMD Radeon RX 460/560D / Pro 450/455/460/555/555X/560/560X 4GB on Fedora Linux 35 via the Phoronix Test Suite.

Test Systems:

default

ASUS AMD Radeon RX 460

Processor: AMD Ryzen 5 3600 6-Core @ 3.60GHz (6 Cores / 12 Threads), Motherboard: Gigabyte B450 AORUS M (F50 BIOS), Chipset: AMD Starship/Matisse, Memory: 16GB, Disk: Samsung SSD 960 EVO 500GB, Graphics: ASUS AMD Radeon RX 460/560D / Pro 450/455/460/555/555X/560/560X 4GB (1187/1500MHz), Audio: AMD Baffin HDMI/DP, Monitor: 27GL850, Network: Realtek RTL8111/8168/8411 + Intel Wi-Fi 6 AX210/AX211/AX411

OS: Fedora Linux 35, Kernel: 5.15.16-200.fc35.x86_64 (x86_64), Desktop: KDE Plasma 5.23.4, Display Server: X Server 1.20.14, OpenGL: 4.6 Mesa 21.3.4 (LLVM 13.0.0), Vulkan: 1.2.195, Compiler: GCC 11.2.1 20211203, File-System: btrfs, Screen Resolution: 2560x1440

Kernel Notes: Transparent Huge Pages: madvise
 Environment Notes: DEBUGINFOD_URLS=https://debuginfod.fedoraproject.org/
 Processor Notes: Scaling Governor: acpi-cpufreq schedutil (Boost: Enabled) - CPU Microcode: 0x8701013
 Graphics Notes: GLAMOR - BAR1 / Visible vRAM Size: 256 MB
 Security Notes: SELinux + itlb_multihit: Not affected + 11tf: Not affected + mds: Not affected + meltdown: Not affected + spec_store_bypass: Mitigation of SSB disabled via prctl and seccomp + spectre_v1: Mitigation of usercopy/swaggs barriers and __user pointer sanitization + spectre_v2: Mitigation of Full AMD retpoline IBPB: conditional STIBP: conditional RSB filling + srbds: Not affected + tsx_async_abort: Not affected

	default	ASUS AMD Radeon RX 460
NAMD - ATPase Simulation - 327,506 Atoms (days/ns)	4.24461	
Standard Deviation	3.9%	
Blender - Barbershop - CPU-Only (sec)	1310	
x265 - Bosphorus 4K (FPS)	10.14	
Standard Deviation	3.7%	
Blender - BMW27 - CPU-Only (sec)	205.10	
Standard Deviation	0.1%	
Radiance Benchmark - Serial (sec)	582.097	
asmFish - 1.H.M.2.D (Nodes/s)	19028433	
Standard Deviation	2%	
Kvazaar - Bosphorus 4K - Slow (FPS)	5.21	
Standard Deviation	1.7%	
Kvazaar - Bosphorus 4K - Medium (FPS)	5.39	
Standard Deviation	0.1%	
Stockfish - Total Time (Nodes/s)	18532952	
Standard Deviation	1.8%	
GpuTest - GiMark - 1920 x 1080 - Fullscreen (Points)		3489
Standard Deviation		0%
GpuTest - Triangle - 1920 x 1080 - Fullscreen (Points)		113109
Standard Deviation		0%
GpuTest - GiMark - 800 x 600 - Windowed (Points)		5464
Standard Deviation		0.2%
GpuTest - Pixmark Piano - 2560 x 1440 - Fullscreen (Points)		351
Standard Deviation		0%
GpuTest - Pixmark Piano - 1920 x 1200 - Fullscreen (Points)		351
Standard Deviation		0%
GpuTest - Pixmark Piano - 1920 x 1080 - Fullscreen (Points)		351
Standard Deviation		0%
GpuTest - Pixmark Piano - 800 x 600 - Fullscreen (Points)		351
Standard Deviation		0%
GpuTest - Pixmark Volplosion - 2560 x 1440 - Fullscreen (Points)		839
Standard Deviation		0.1%
GpuTest - Pixmark Volplosion - 1600 x 1200 - Fullscreen (Points)		839
Standard Deviation		0.1%

GpuTest - Pixmark Volplosion - 1280 x 1024 - Fullscreen (Points)	839
Standard Deviation	0.1%
GpuTest - Pixmark Volplosion - 800 x 600 - Fullscreen (Points)	840
Standard Deviation	0%
GpuTest - Pixmark Volplosion - 2560 x 1440 - Windowed (Points)	874
Standard Deviation	0.1%
GpuTest - Pixmark Volplosion - 1920 x 1080 - Windowed (Points)	1489
Standard Deviation	0%
GpuTest - Pixmark Volplosion - 1024 x 768 - Windowed (Points)	3832
Standard Deviation	0%
GpuTest - Pixmark Piano - 1600 x 1200 - Fullscreen (Points)	351
Standard Deviation	0%
GpuTest - Pixmark Piano - 1024 x 768 - Fullscreen (Points)	351
Standard Deviation	0%
GpuTest - Pixmark Piano - 1600 x 1200 - Windowed (Points)	659
Standard Deviation	0.1%
GpuTest - Pixmark Piano - 1024 x 768 - Windowed (Points)	1582
Standard Deviation	0%
GpuTest - TessMark - 2560 x 1440 - Fullscreen	6425
Standard Deviation	0.1%
GpuTest - TessMark - 2560 x 1440 - Windowed	6684
Standard Deviation	0.3%
GpuTest - TessMark - 1280 x 1024 - Windowed	8424
Standard Deviation	0%
GpuTest - GiMark - 1280 x 1024 - Fullscreen (Points)	3489
Standard Deviation	0%
GpuTest - Triangle - 1024 x 768 - Windowed (Points)	492513
Standard Deviation	0.1%
GpuTest - Plot3D - 1024 x 768 - Fullscreen (Points)	29561
Standard Deviation	0%
GpuTest - GiMark - 1024 x 768 - Fullscreen (Points)	3489
Standard Deviation	0%
GpuTest - Furmark - 800 x 600 - Fullscreen (Points)	1470
Standard Deviation	0%
GpuTest - Furmark - 1920 x 1080 - Windowed (Points)	2285
Standard Deviation	0%
GpuTest - Furmark - 1600 x 1200 - Windowed (Points)	1976
Standard Deviation	0%
GpuTest - Furmark - 1280 x 1024 - Windowed (Points)	2528
Standard Deviation	0%
GpuTest - Plot3D - 1920 x 1200 - Windowed (Points)	37367
Standard Deviation	0%
GpuTest - Plot3D - 1600 x 1200 - Windowed (Points)	40804

	Standard Deviation	0%
GpuTest - Furmark - 1024 x 768 - Windowed (Points)		3660
	Standard Deviation	0%
GpuTest - Plot3D - 1024 x 768 - Windowed (Points)		59905
	Standard Deviation	0%
GpuTest - Pixmark Volplosion - 1920 x 1080 - Fullscreen (Points)		840
	Standard Deviation	0.1%
GpuTest - Pixmark Volplosion - 1024 x 768 - Fullscreen (Points)		840
	Standard Deviation	0.1%
GpuTest - Pixmark Piano - 1920 x 1200 - Windowed (Points)		554
	Standard Deviation	0.1%
GpuTest - Furmark - 1600 x 1200 - Fullscreen (Points)		1471
	Standard Deviation	0%
GpuTest - GiMark - 1920 x 1200 - Fullscreen (Points)		3488
	Standard Deviation	0%
GpuTest - Furmark - 2560 x 1440 - Windowed (Points)		1555
	Standard Deviation	0.1%
GpuTest - GiMark - 1280 x 1024 - Windowed (Points)		4542
	Standard Deviation	0%
GpuTest - GiMark - 1024 x 768 - Windowed (Points)		4998
	Standard Deviation	0%
GpuTest - Furmark - 800 x 600 - Windowed (Points)		5106
	Standard Deviation	0.1%
GpuTest - Pixmark Volplosion - 1920 x 1200 - Windowed (Points)		1331
	Standard Deviation	0%
GpuTest - Pixmark Volplosion - 1280 x 1024 - Windowed (Points)		2296
	Standard Deviation	0%
GpuTest - Pixmark Piano - 1920 x 1080 - Windowed (Points)		616
	Standard Deviation	0%
GpuTest - Pixmark Piano - 1280 x 1024 - Windowed (Points)		959
	Standard Deviation	0%
GpuTest - Triangle - 2560 x 1440 - Fullscreen (Points)		112406
	Standard Deviation	0%
GpuTest - Triangle - 1600 x 1200 - Fullscreen (Points)		113135
	Standard Deviation	0%
GpuTest - Triangle - 1280 x 1024 - Fullscreen (Points)		113127
	Standard Deviation	0%
GpuTest - TessMark - 1280 x 1024 - Fullscreen		6428
	Standard Deviation	0.1%
GpuTest - Furmark - 1920 x 1080 - Fullscreen (Points)		1470
	Standard Deviation	0%
GpuTest - Furmark - 1280 x 1024 - Fullscreen (Points)		1471
	Standard Deviation	0%
GpuTest - TessMark - 800 x 600 - Fullscreen (Points)		6426
	Standard Deviation	0%

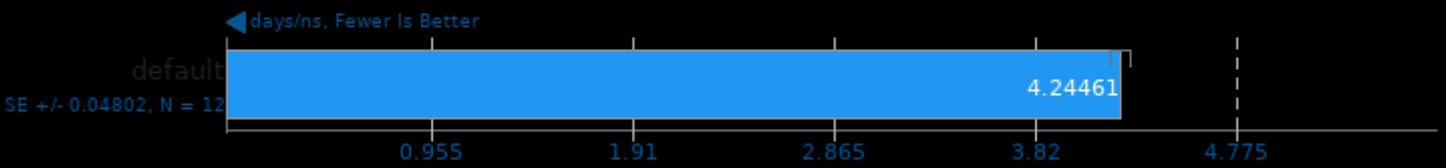
GpuTest - Plot3D - 1280 x 1024 - Fullscreen (Points)	29565
Standard Deviation	0%
GpuTest - GiMark - 2560 x 1440 - Fullscreen (Points)	3487
Standard Deviation	0%
GpuTest - Furmark - 1024 x 768 - Fullscreen (Points)	1471
Standard Deviation	0%
GpuTest - Furmark - 1920 x 1200 - Windowed (Points)	1945
Standard Deviation	0%
GpuTest - Plot3D - 800 x 600 - Fullscreen (Points)	29562
Standard Deviation	0%
GpuTest - Plot3D - 2560 x 1440 - Windowed (Points)	31036
Standard Deviation	2.1%
GpuTest - Plot3D - 1920 x 1080 - Windowed (Points)	39455
Standard Deviation	0%
GpuTest - GiMark - 1920 x 1200 - Windowed (Points)	3961
Standard Deviation	0%
GpuTest - Pixmark Volplosion - 1600 x 1200 - Windowed (Points)	1577
Standard Deviation	0%
GpuTest - Pixmark Piano - 800 x 600 - Windowed	2543
Standard Deviation	0%
GpuTest - Triangle - 2560 x 1440 - Windowed (Points)	117570
Standard Deviation	0.7%
GpuTest - Triangle - 1280 x 1024 - Windowed (Points)	308132
Standard Deviation	0%
GpuTest - Pixmark Volplosion - 1920 x 1200 - Fullscreen (Points)	840
Standard Deviation	0.1%
GpuTest - Pixmark Piano - 1280 x 1024 - Fullscreen (Points)	351
Standard Deviation	0%
GpuTest - Pixmark Piano - 2560 x 1440 - Windowed (Points)	365
Standard Deviation	0%
GpuTest - TessMark - 1920 x 1200 - Fullscreen	6428
Standard Deviation	0%
GpuTest - TessMark - 1920 x 1080 - Fullscreen	6426
Standard Deviation	0%
GpuTest - Furmark - 1920 x 1200 - Fullscreen (Points)	1470
Standard Deviation	0%
GpuTest - Triangle - 800 x 600 - Fullscreen (Points)	113149
Standard Deviation	0%
GpuTest - TessMark - 1600 x 1200 - Windowed	7577
Standard Deviation	0%
GpuTest - GiMark - 1600 x 1200 - Fullscreen (Points)	3490
Standard Deviation	0%
GpuTest - Triangle - 800 x 600 - Windowed (Points)	732526
Standard Deviation	0.1%
GpuTest - TessMark - 800 x 600 - Windowed (Points)	10451
Standard Deviation	0%
GpuTest - GiMark - 1920 x 1080 - Windowed (Points)	4061
Standard Deviation	0%

GpuTest - GiMark - 1600 x 1200 - Windowed (Points)	4172
Standard Deviation	0%
GpuTest - Plot3D - 800 x 600 - Windowed (Points)	70833
Standard Deviation	0.1%
GpuTest - Pixmark Volplosion - 800 x 600 - Windowed (Points)	6250
Standard Deviation	0%
GpuTest - Triangle - 1920 x 1200 - Fullscreen (Points)	113110
Standard Deviation	0.1%
GpuTest - Furmark - 2560 x 1440 - Fullscreen (Points)	1470
Standard Deviation	0%
GpuTest - Triangle - 1920 x 1200 - Windowed (Points)	179800
Standard Deviation	0%
GpuTest - Triangle - 1600 x 1200 - Windowed (Points)	213699
Standard Deviation	0%
GpuTest - TessMark - 1920 x 1200 - Windowed	7483
Standard Deviation	0%
GpuTest - TessMark - 1920 x 1080 - Windowed	7969
Standard Deviation	0%
GpuTest - Plot3D - 2560 x 1440 - Fullscreen (Points)	29519
Standard Deviation	0%
GpuTest - Plot3D - 1920 x 1200 - Fullscreen (Points)	29563
Standard Deviation	0%
GpuTest - Plot3D - 1600 x 1200 - Fullscreen (Points)	29561
Standard Deviation	0%
GpuTest - TessMark - 1024 x 768 - Windowed (Points)	9658
Standard Deviation	0%
GpuTest - Plot3D - 1280 x 1024 - Windowed (Points)	49091
Standard Deviation	0%
GpuTest - GiMark - 2560 x 1440 - Windowed (Points)	3550
Standard Deviation	0.2%
GpuTest - TessMark - 1600 x 1200 - Fullscreen	6428
Standard Deviation	0%
GpuTest - Triangle - 1024 x 768 - Fullscreen (Points)	113083
Standard Deviation	0%
GpuTest - Triangle - 1920 x 1080 - Windowed (Points)	198336
Standard Deviation	0%
GpuTest - Plot3D - 1920 x 1080 - Fullscreen (Points)	29563
Standard Deviation	0%
GpuTest - GiMark - 800 x 600 - Fullscreen (Points)	3503
Standard Deviation	0%
GpuTest - TessMark - 1024 x 768 - Fullscreen (Points)	6424
Standard Deviation	0%
POV-Ray - Trace Time (sec)	62.054
Standard Deviation	0.1%
Radiance Benchmark - SMP Parallel (sec)	178.794
Kvazaar - Bosphorus 4K - Very Fast (FPS)	12.38
Standard Deviation	0.6%
7-Zip Compression - D.R (MIPS)	37183
Standard Deviation	1.9%
7-Zip Compression - Compression Rating (MIPS)	45572
Standard Deviation	2.4%
Kvazaar - Bosphorus 4K - Ultra Fast (FPS)	21.75

Standard Deviation 0.1%
Kvazaar - Bosphorus 1080p - Slow (FPS) 26.13
Standard Deviation 1.4%
x264 - H.2.V.E (FPS) 71.39
Standard Deviation 2.5%
Kvazaar - Bosphorus 1080p - Medium (FPS) 26.96
Standard Deviation 0%
OpenSSL - R.4.b.P (Signs/sec) 1736
Standard Deviation 0%
x265 - Bosphorus 1080p (FPS) 46.59
Standard Deviation 1.4%
Kvazaar - Bosphorus 1080p - Very Fast (FPS) 53.83
Standard Deviation 0%
Sysbench - CPU (Events/sec) 12704
Standard Deviation 0%
Kvazaar - Bosphorus 1080p - Ultra Fast (FPS) 93.37
Standard Deviation 0.2%
ctx_clock - C.S.T (Clocks) 180
Standard Deviation 0%

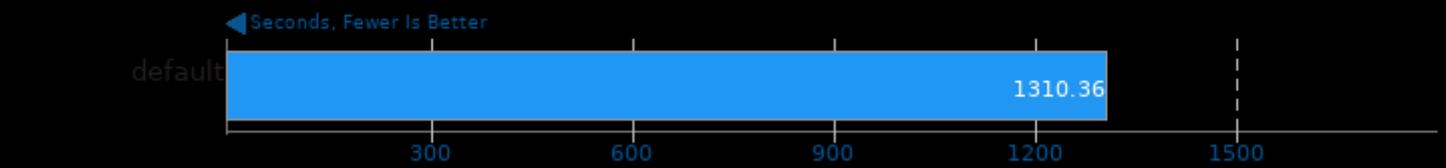
NAMD 2.13b1

ATPase Simulation - 327,506 Atoms



Blender 2.79a

Blend File: Barbershop - Compute: CPU-Only



x265 3.4

Video Input: Bosphorus 4K



1. (CXX) g++ options: -O3 -rdynamic -lpthread -lrt -ldl

Blender 3.0

Blend File: BMW27 - Compute: CPU-Only



Radiance Benchmark 5.0

Test: Serial



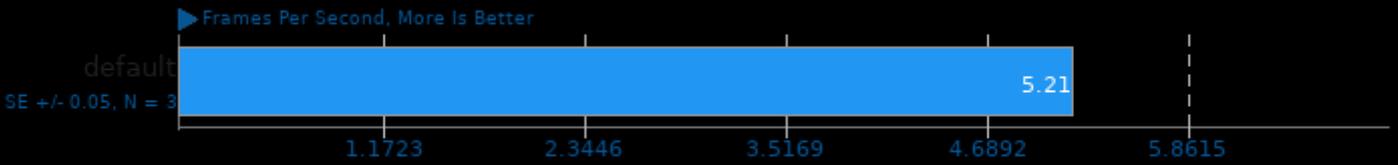
asmFish 2018-07-23

1024 Hash Memory, 26 Depth



Kvazaar 2.1

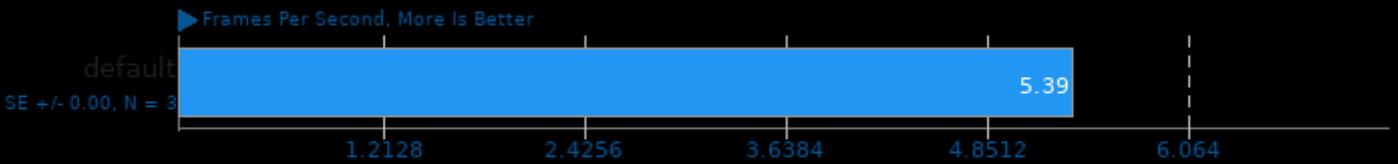
Video Input: Bosphorus 4K - Video Preset: Slow



1. (CC) gcc options: -pthread -free-vectorize -fvisibility=hidden -O2 -lthread -lm -lrt

Kvazaar 2.1

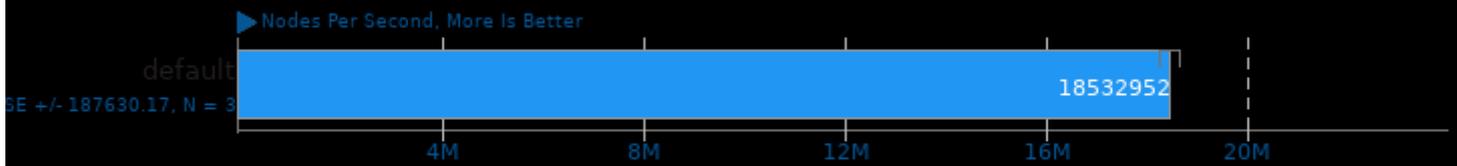
Video Input: Bosphorus 4K - Video Preset: Medium



1. (CC) gcc options: -pthread -free-vectorize -fvisibility=hidden -O2 -lthread -lm -lrt

Stockfish 9

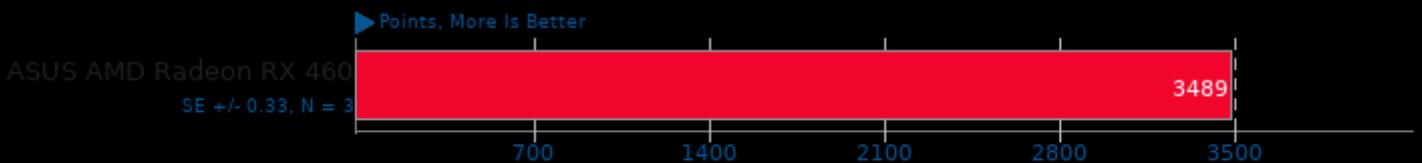
Total Time



1. (CXX) g++ options: -m64 -lthread -fno-exceptions -std=c++11 -pedantic -O3 -msse -msse3 -mpopcnt -fno

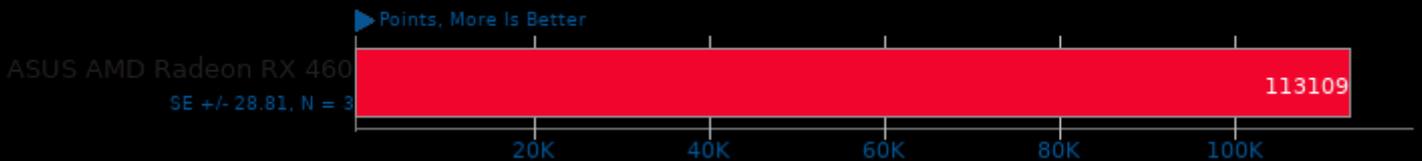
GpuTest 0.7.0

Test: GiMark - Resolution: 1920 x 1080 - Mode: Fullscreen



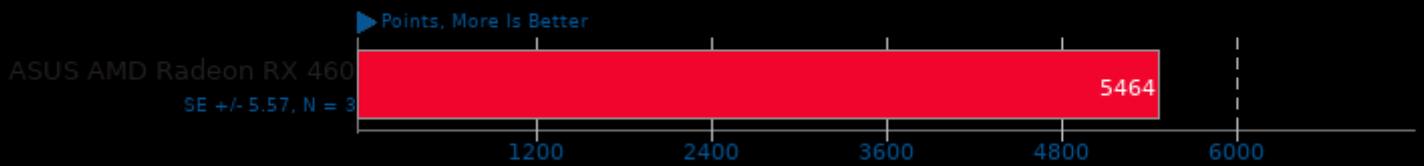
GpuTest 0.7.0

Test: Triangle - Resolution: 1920 x 1080 - Mode: Fullscreen



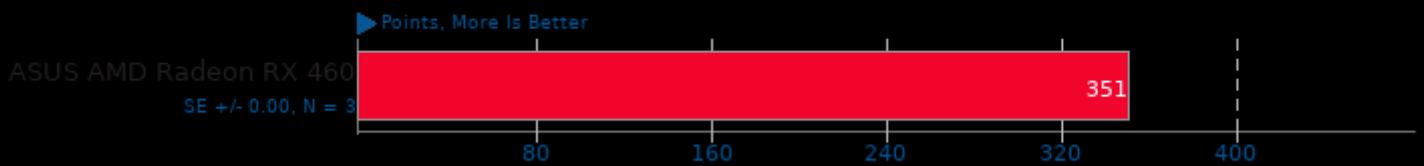
GpuTest 0.7.0

Test: GiMark - Resolution: 800 x 600 - Mode: Windowed



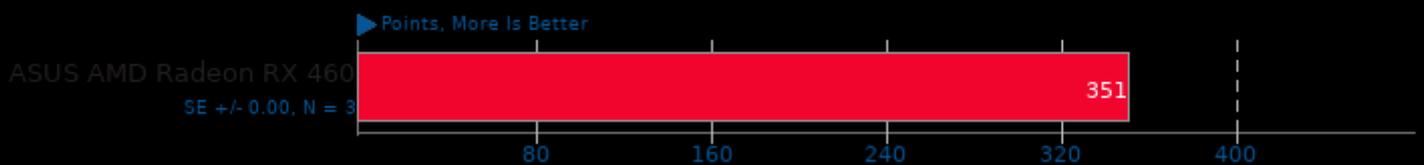
GpuTest 0.7.0

Test: Pixmark Piano - Resolution: 2560 x 1440 - Mode: Fullscreen



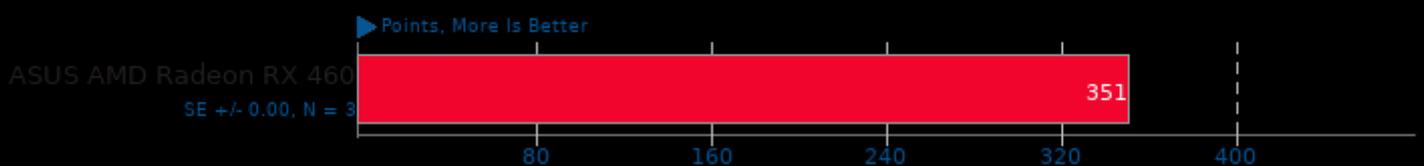
GpuTest 0.7.0

Test: Pixmark Piano - Resolution: 1920 x 1200 - Mode: Fullscreen



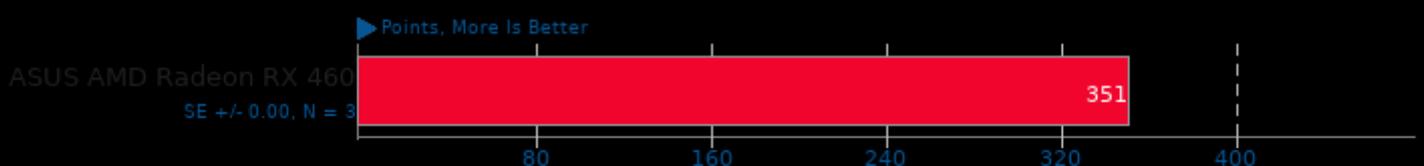
GpuTest 0.7.0

Test: Pixmark Piano - Resolution: 1920 x 1080 - Mode: Fullscreen



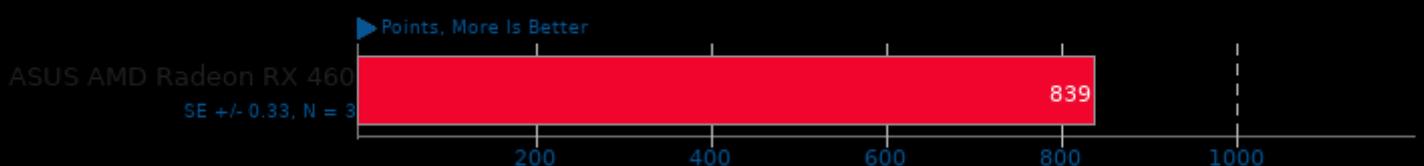
GpuTest 0.7.0

Test: Pixmark Piano - Resolution: 800 x 600 - Mode: Fullscreen



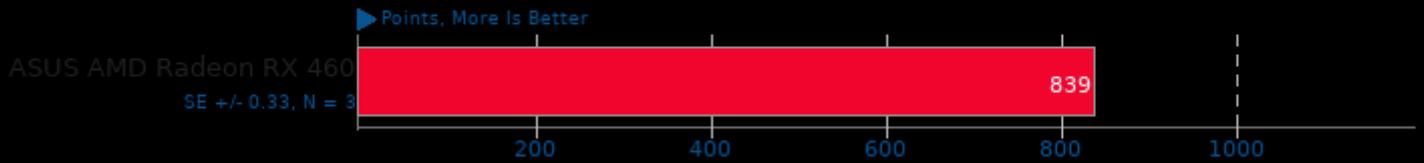
GpuTest 0.7.0

Test: Pixmark Volplosion - Resolution: 2560 x 1440 - Mode: Fullscreen



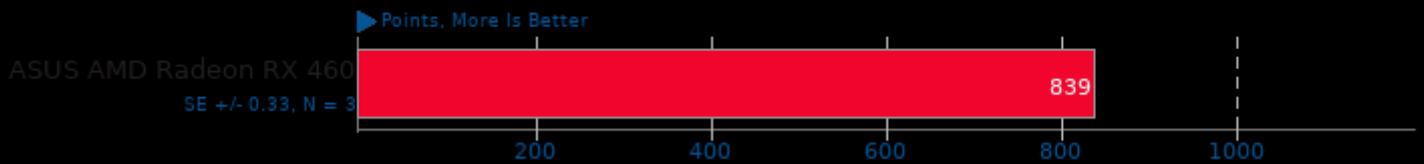
GpuTest 0.7.0

Test: Pixmark Volplosion - Resolution: 1600 x 1200 - Mode: Fullscreen



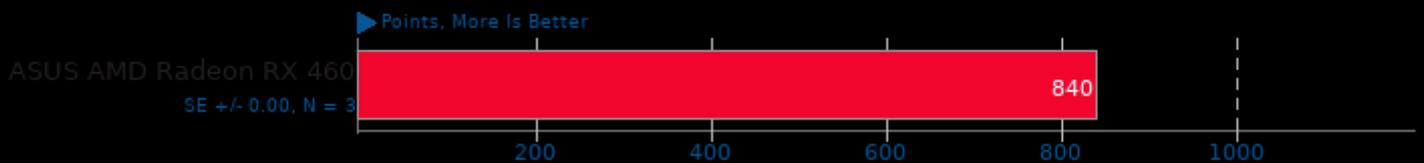
GpuTest 0.7.0

Test: Pixmark Volplosion - Resolution: 1280 x 1024 - Mode: Fullscreen



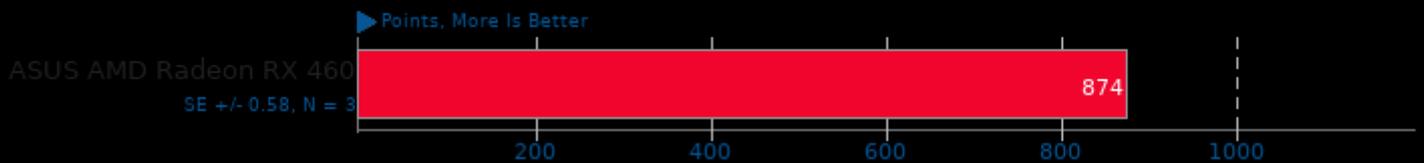
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Test: Pixmark Volplosion - Resolution: 800 x 600 - Mode: Fullscreen



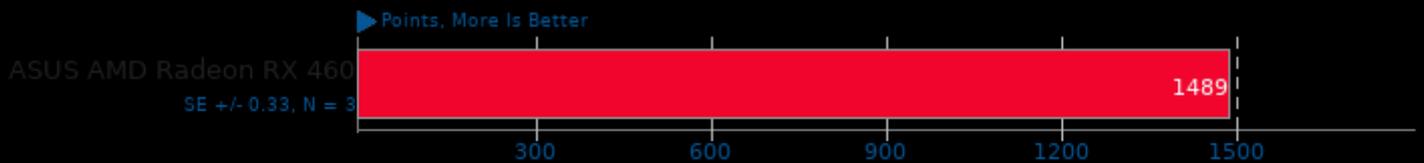
GpuTest 0.7.0

Test: Pixmark Volplosion - Resolution: 2560 x 1440 - Mode: Windowed



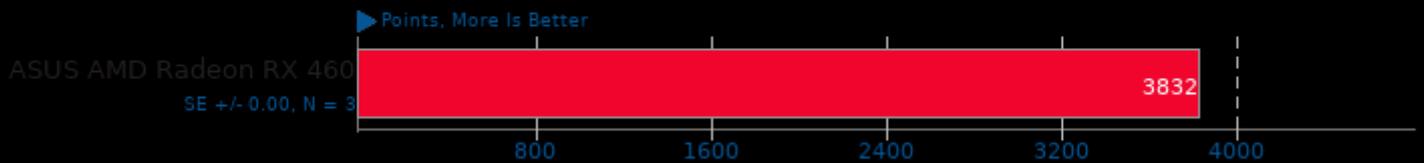
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Test: Pixmark Volplosion - Resolution: 1920 x 1080 - Mode: Windowed



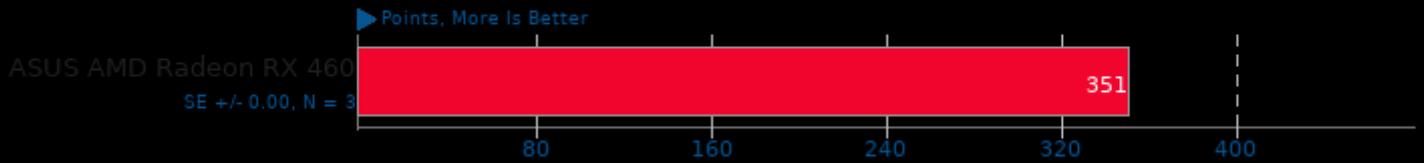
GpuTest 0.7.0

Test: Pixmark Volplosion - Resolution: 1024 x 768 - Mode: Windowed



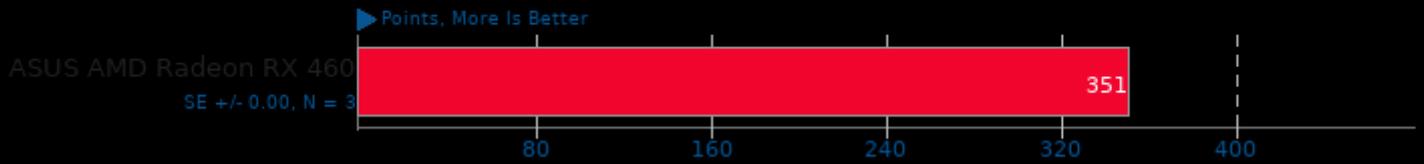
GpuTest 0.7.0

Test: Pixmark Piano - Resolution: 1600 x 1200 - Mode: Fullscreen



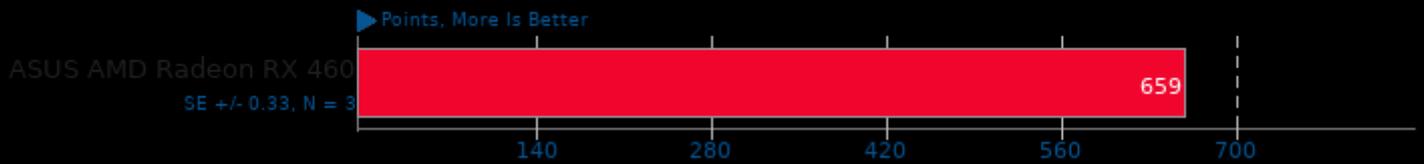
GpuTest 0.7.0

Test: Pixmark Piano - Resolution: 1024 x 768 - Mode: Fullscreen



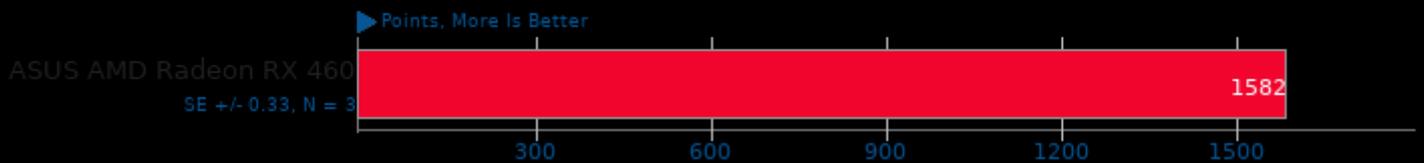
GpuTest 0.7.0

Test: Pixmark Piano - Resolution: 1600 x 1200 - Mode: Windowed



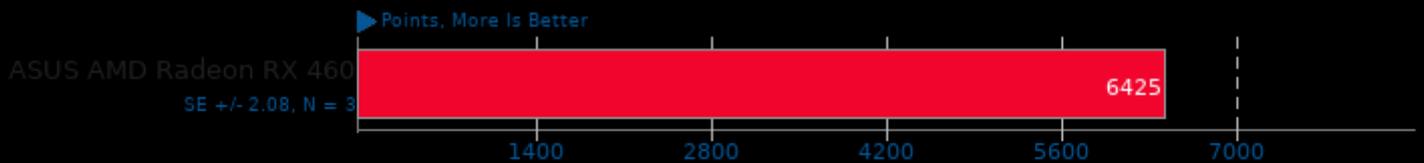
GpuTest 0.7.0

Test: Pixmark Piano - Resolution: 1024 x 768 - Mode: Windowed



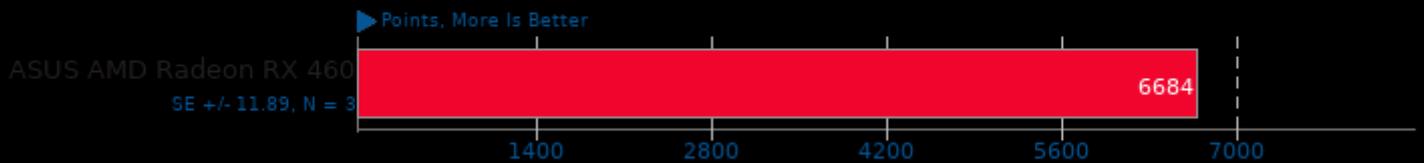
GpuTest 0.7.0

Test: TessMark - Resolution: 2560 x 1440 - Mode: Fullscreen



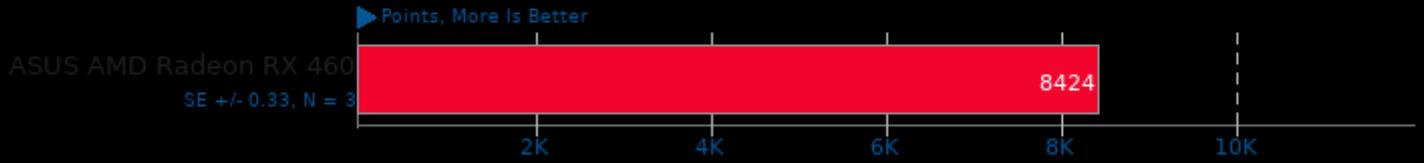
GpuTest 0.7.0

Test: TessMark - Resolution: 2560 x 1440 - Mode: Windowed



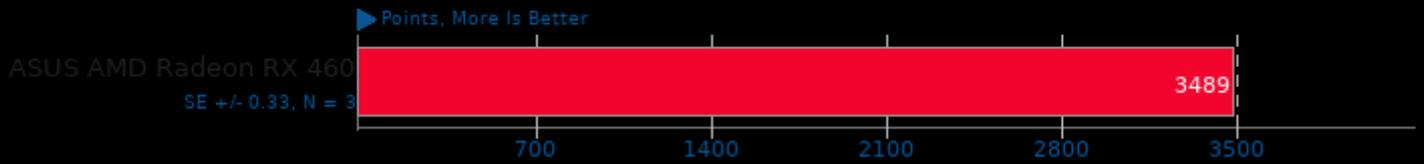
GpuTest 0.7.0

Test: TessMark - Resolution: 1280 x 1024 - Mode: Windowed



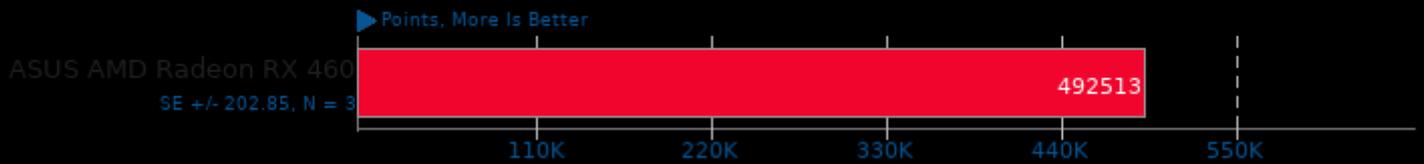
GpuTest 0.7.0

Test: GiMark - Resolution: 1280 x 1024 - Mode: Fullscreen



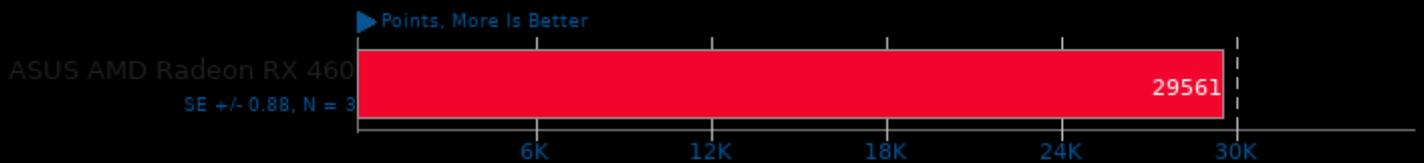
GpuTest 0.7.0

Test: Triangle - Resolution: 1024 x 768 - Mode: Windowed



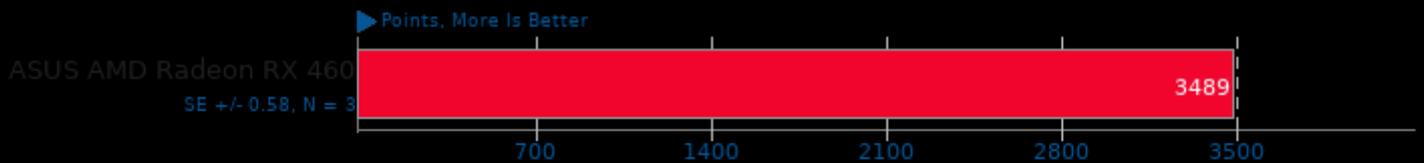
GpuTest 0.7.0

Test: Plot3D - Resolution: 1024 x 768 - Mode: Fullscreen



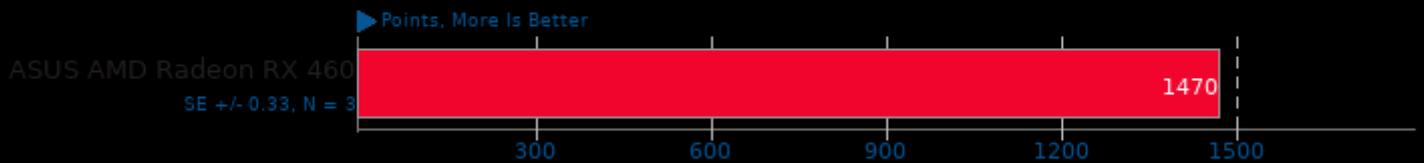
GpuTest 0.7.0

Test: GiMark - Resolution: 1024 x 768 - Mode: Fullscreen



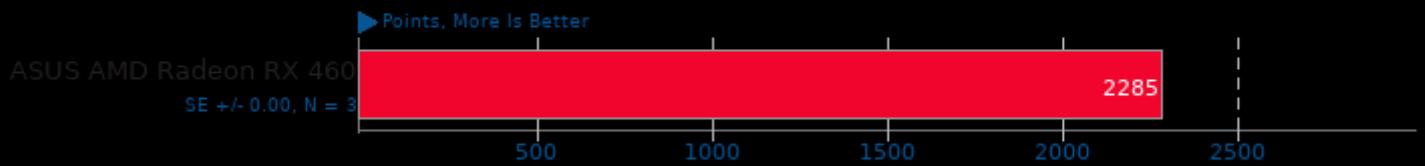
GpuTest 0.7.0

Test: Furmark - Resolution: 800 x 600 - Mode: Fullscreen



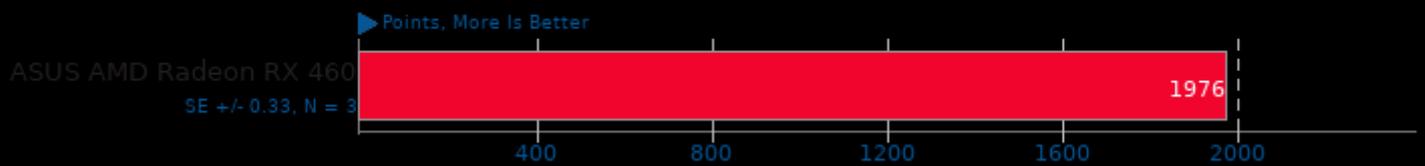
GpuTest 0.7.0

Test: Furmark - Resolution: 1920 x 1080 - Mode: Windowed



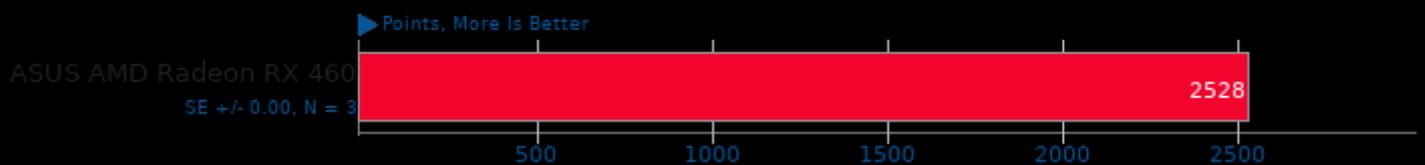
GpuTest 0.7.0

Test: Furmark - Resolution: 1600 x 1200 - Mode: Windowed



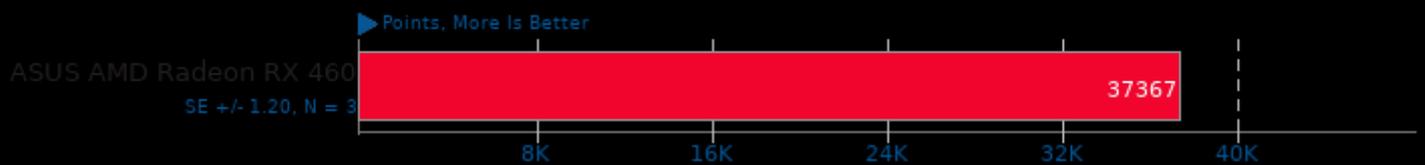
GpuTest 0.7.0

Test: Furmark - Resolution: 1280 x 1024 - Mode: Windowed



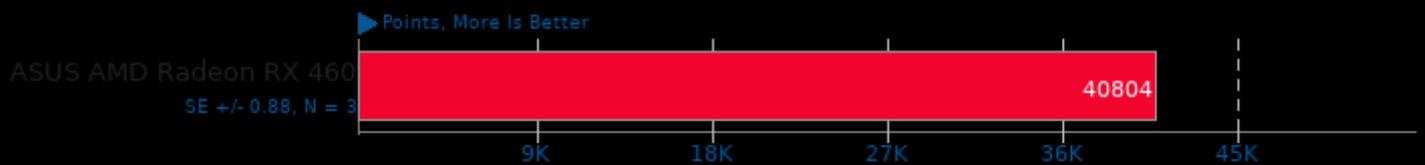
GpuTest 0.7.0

Test: Plot3D - Resolution: 1920 x 1200 - Mode: Windowed



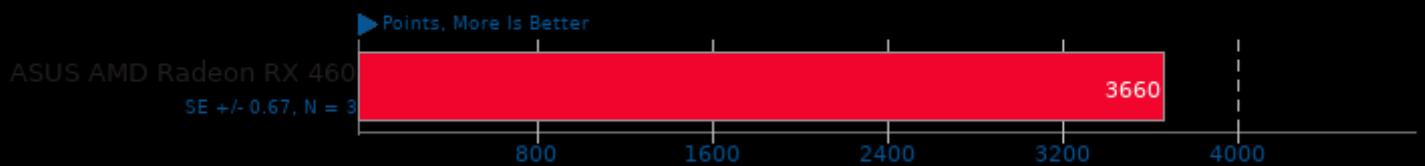
GpuTest 0.7.0

Test: Plot3D - Resolution: 1600 x 1200 - Mode: Windowed



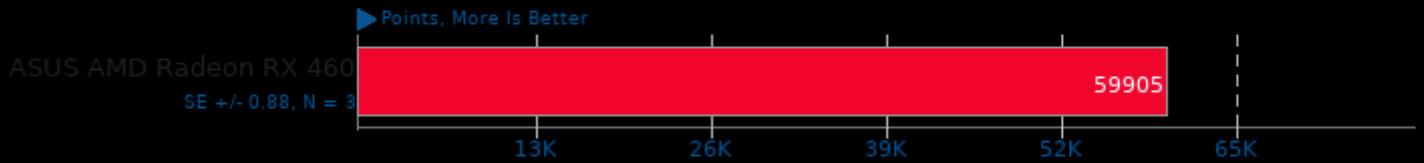
GpuTest 0.7.0

Test: Furmark - Resolution: 1024 x 768 - Mode: Windowed



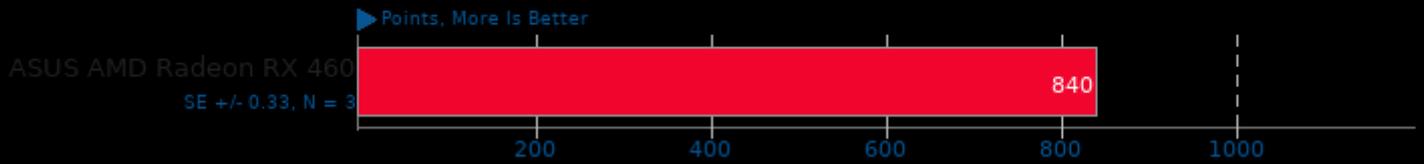
GpuTest 0.7.0

Test: Plot3D - Resolution: 1024 x 768 - Mode: Windowed



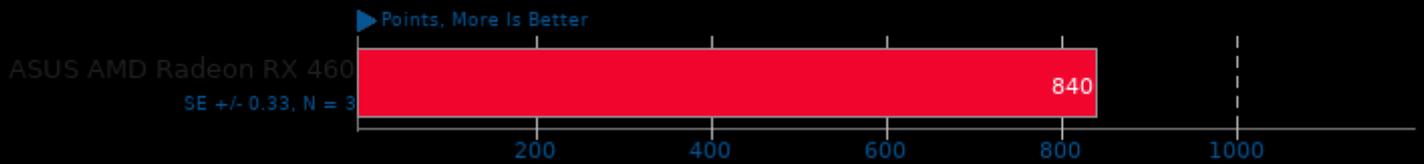
GpuTest 0.7.0

Test: Pixmark Volplosion - Resolution: 1920 x 1080 - Mode: Fullscreen



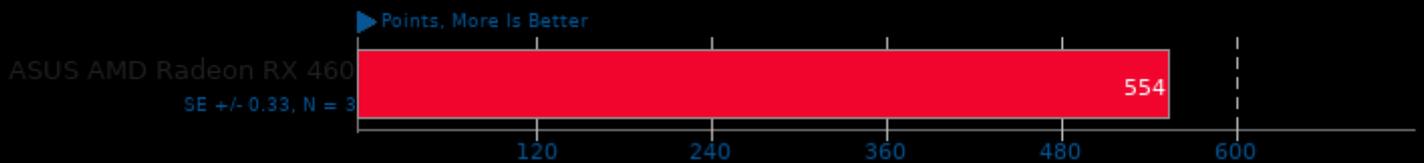
GpuTest 0.7.0

Test: Pixmark Volplosion - Resolution: 1024 x 768 - Mode: Fullscreen



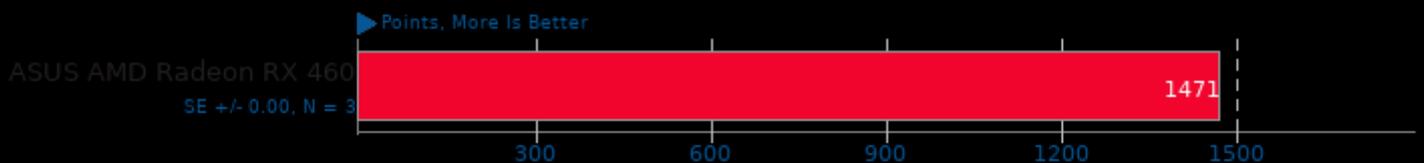
GpuTest 0.7.0

Test: Pixmark Piano - Resolution: 1920 x 1200 - Mode: Windowed



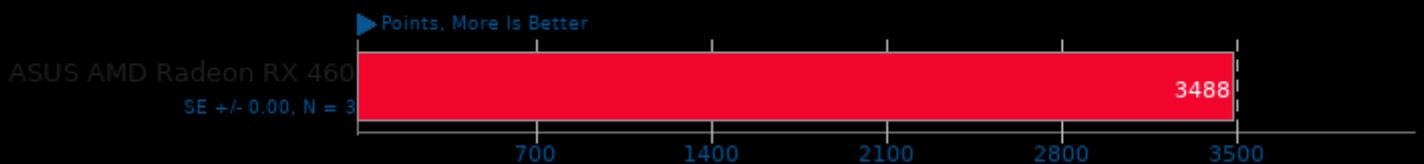
GpuTest 0.7.0

Test: Furmark - Resolution: 1600 x 1200 - Mode: Fullscreen



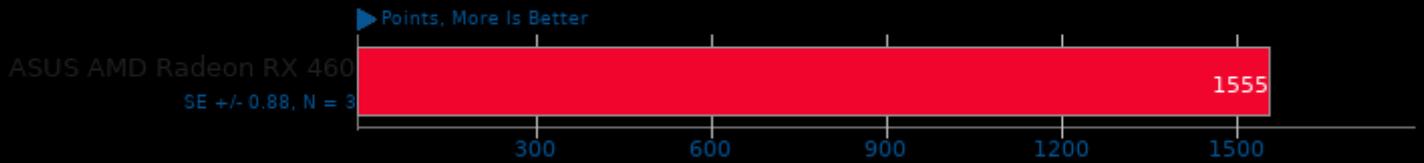
GpuTest 0.7.0

Test: GiMark - Resolution: 1920 x 1200 - Mode: Fullscreen



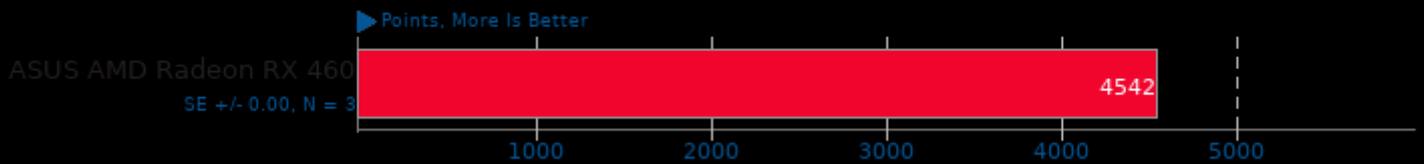
GpuTest 0.7.0

Test: Furmark - Resolution: 2560 x 1440 - Mode: Windowed



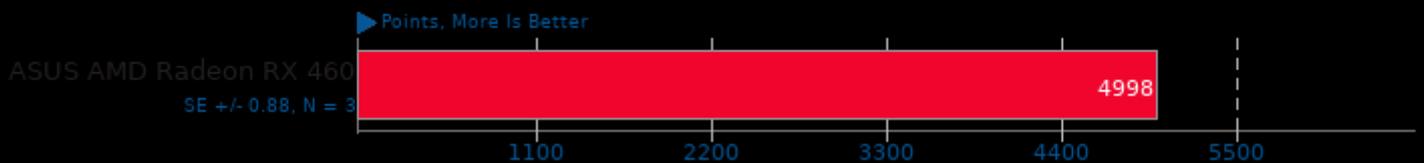
GpuTest 0.7.0

Test: GiMark - Resolution: 1280 x 1024 - Mode: Windowed



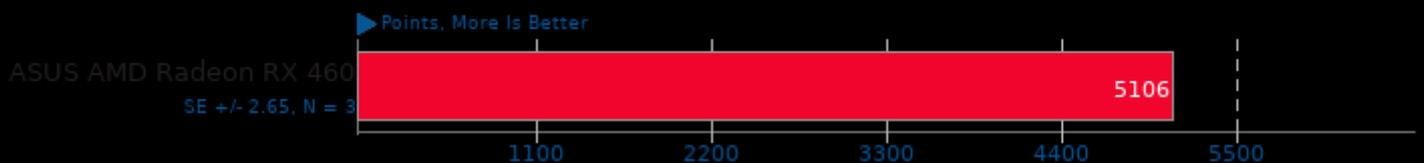
GpuTest 0.7.0

Test: GiMark - Resolution: 1024 x 768 - Mode: Windowed



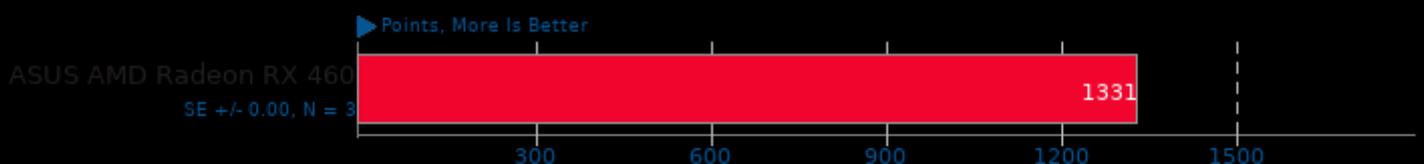
GpuTest 0.7.0

Test: Furmark - Resolution: 800 x 600 - Mode: Windowed



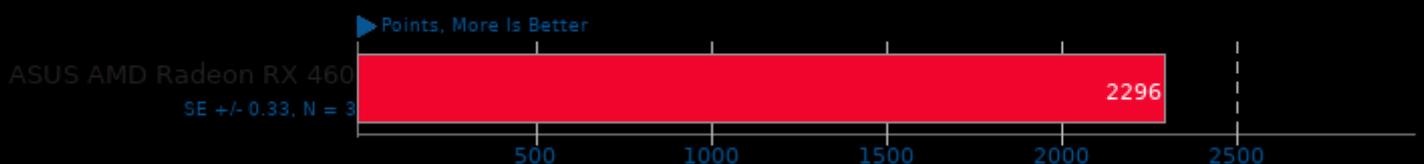
GpuTest 0.7.0

Test: Pixmark Volplosion - Resolution: 1920 x 1200 - Mode: Windowed



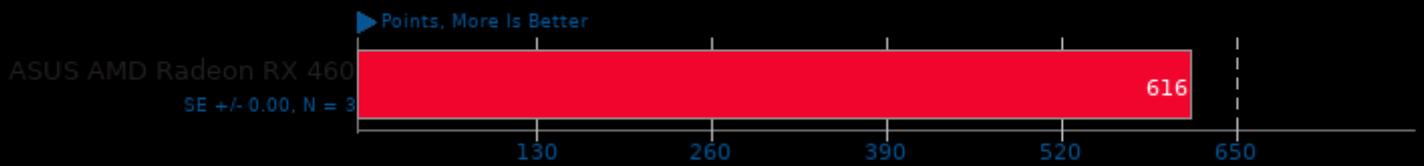
GpuTest 0.7.0

Test: Pixmark Volplosion - Resolution: 1280 x 1024 - Mode: Windowed



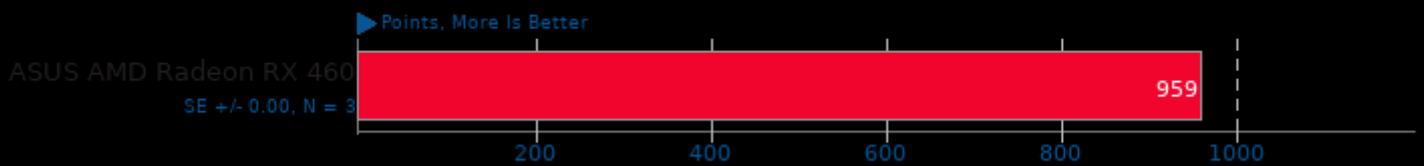
GpuTest 0.7.0

Test: Pixmark Piano - Resolution: 1920 x 1080 - Mode: Windowed



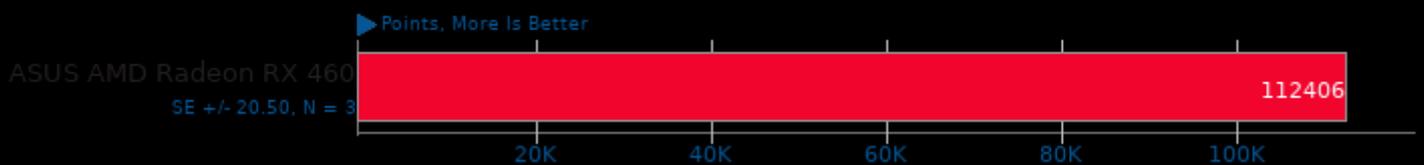
GpuTest 0.7.0

Test: Pixmark Piano - Resolution: 1280 x 1024 - Mode: Windowed



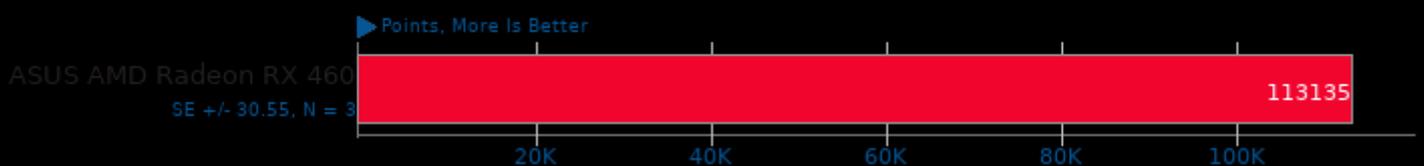
GpuTest 0.7.0

Test: Triangle - Resolution: 2560 x 1440 - Mode: Fullscreen



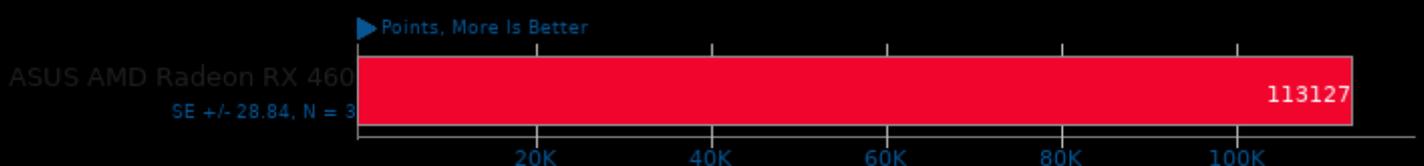
GpuTest 0.7.0

Test: Triangle - Resolution: 1600 x 1200 - Mode: Fullscreen



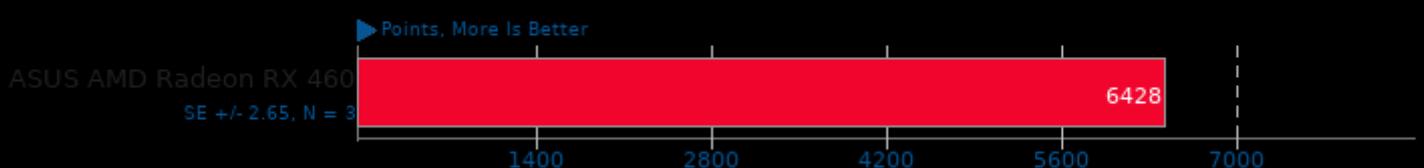
GpuTest 0.7.0

Test: Triangle - Resolution: 1280 x 1024 - Mode: Fullscreen



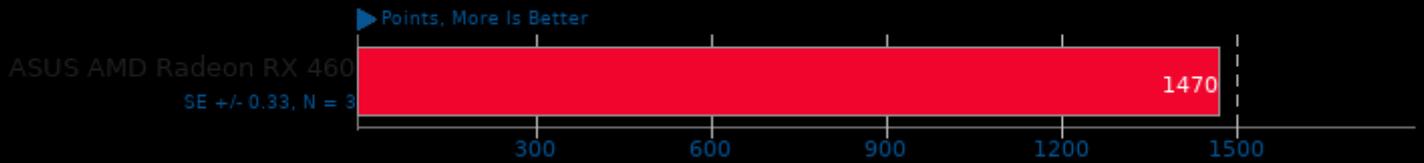
GpuTest 0.7.0

Test: TessMark - Resolution: 1280 x 1024 - Mode: Fullscreen



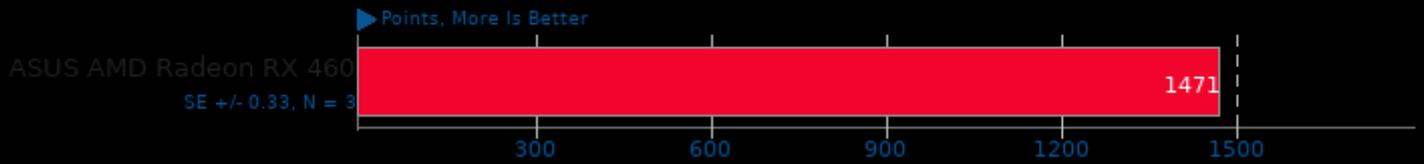
GpuTest 0.7.0

Test: Furmark - Resolution: 1920 x 1080 - Mode: Fullscreen



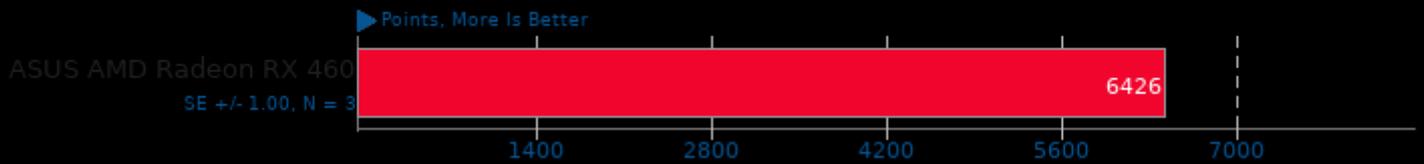
GpuTest 0.7.0

Test: Furmark - Resolution: 1280 x 1024 - Mode: Fullscreen



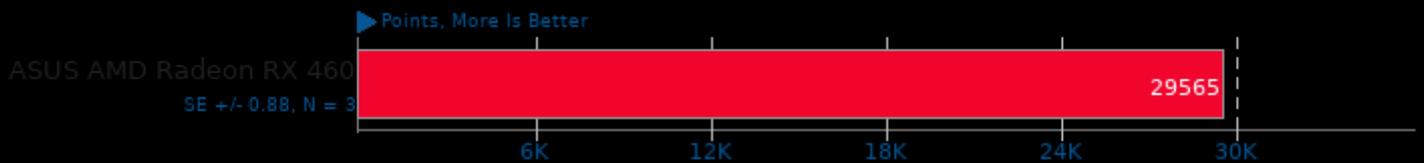
GpuTest 0.7.0

Test: TessMark - Resolution: 800 x 600 - Mode: Fullscreen



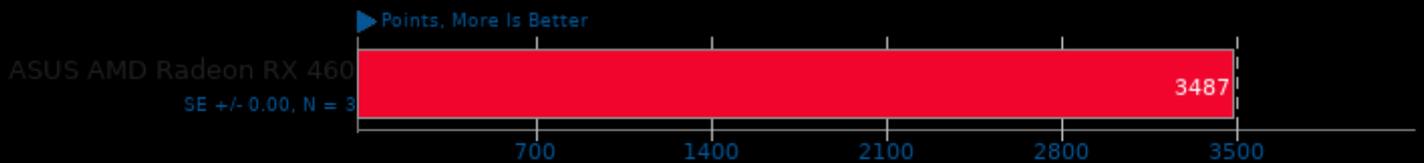
GpuTest 0.7.0

Test: Plot3D - Resolution: 1280 x 1024 - Mode: Fullscreen



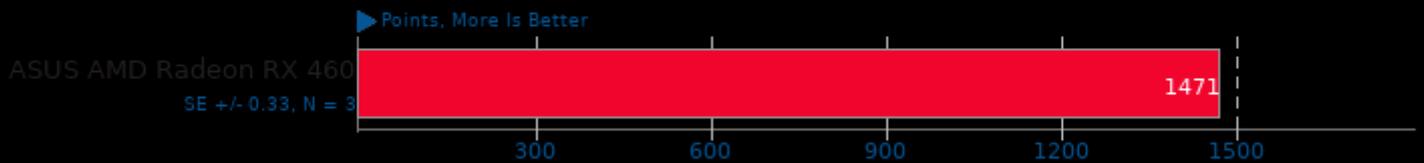
GpuTest 0.7.0

Test: GiMark - Resolution: 2560 x 1440 - Mode: Fullscreen



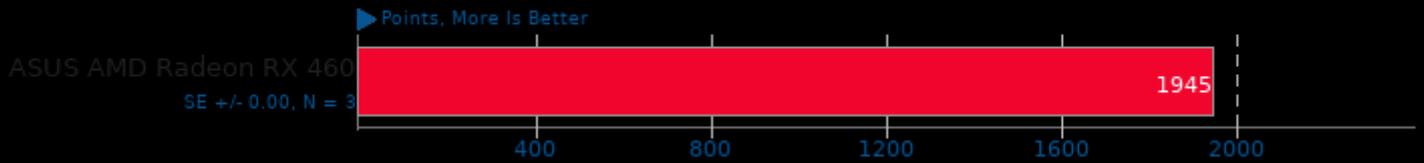
GpuTest 0.7.0

Test: Furmark - Resolution: 1024 x 768 - Mode: Fullscreen



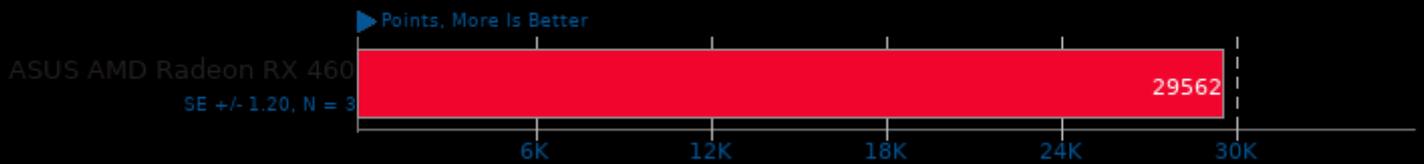
GpuTest 0.7.0

Test: Furmark - Resolution: 1920 x 1200 - Mode: Windowed



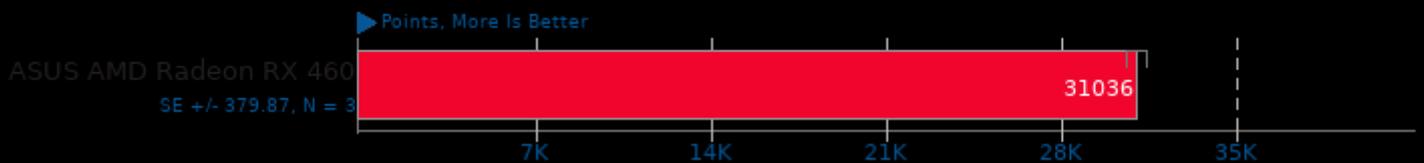
GpuTest 0.7.0

Test: Plot3D - Resolution: 800 x 600 - Mode: Fullscreen



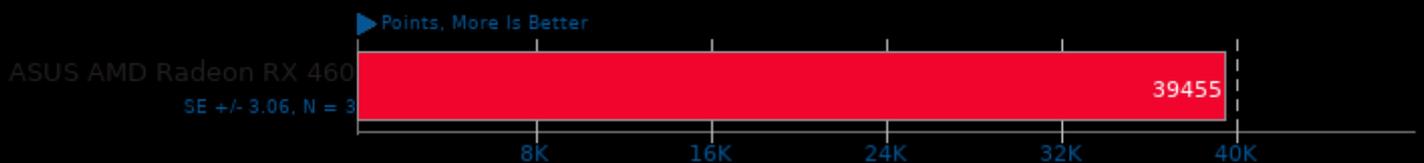
GpuTest 0.7.0

Test: Plot3D - Resolution: 2560 x 1440 - Mode: Windowed



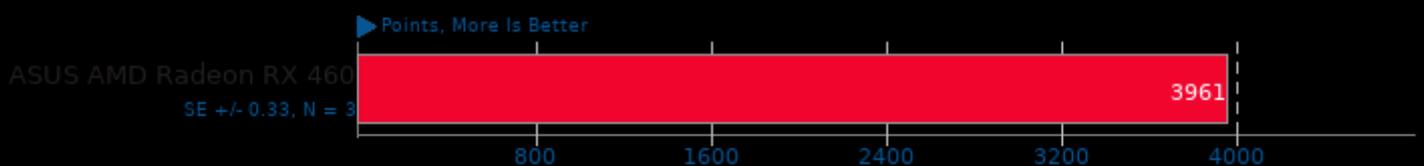
GpuTest 0.7.0

Test: Plot3D - Resolution: 1920 x 1080 - Mode: Windowed



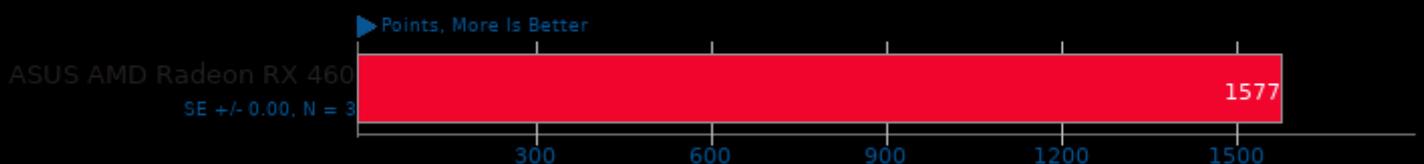
GpuTest 0.7.0

Test: GiMark - Resolution: 1920 x 1200 - Mode: Windowed



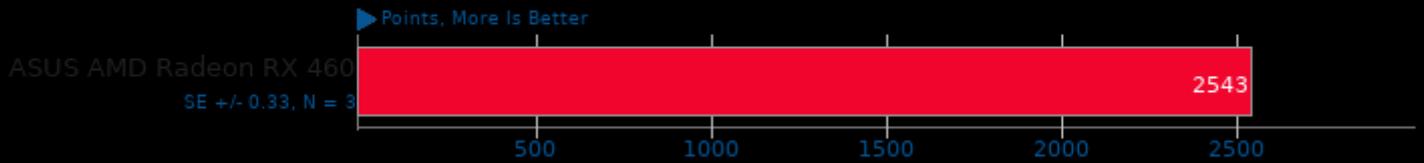
GpuTest 0.7.0

Test: Pixmark Volplosion - Resolution: 1600 x 1200 - Mode: Windowed



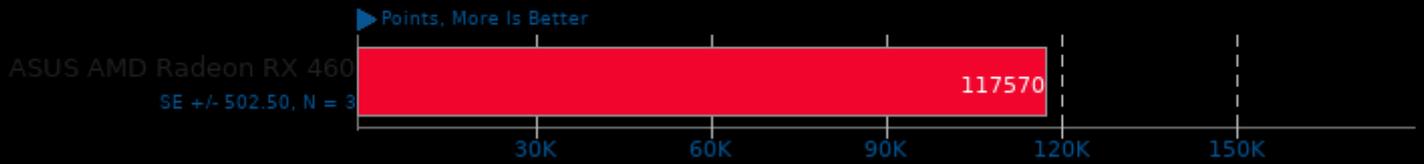
GpuTest 0.7.0

Test: Pixmark Piano - Resolution: 800 x 600 - Mode: Windowed



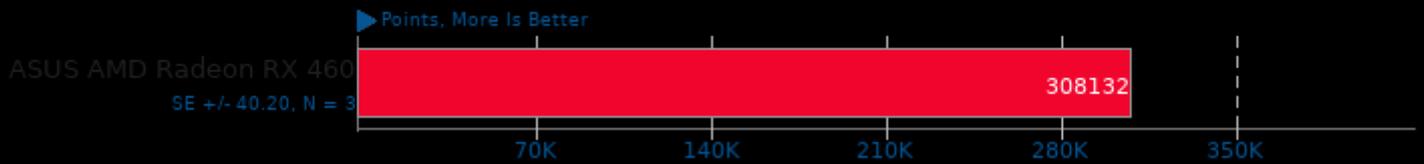
GpuTest 0.7.0

Test: Triangle - Resolution: 2560 x 1440 - Mode: Windowed



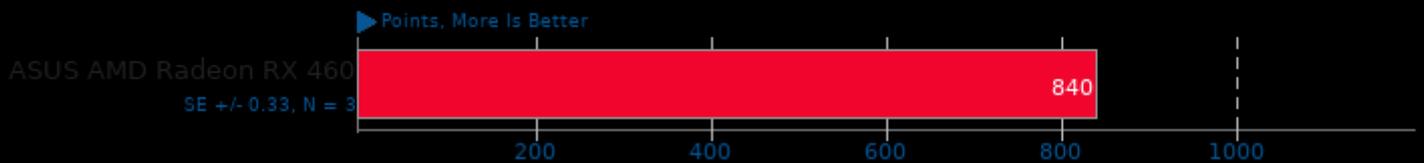
GpuTest 0.7.0

Test: Triangle - Resolution: 1280 x 1024 - Mode: Windowed



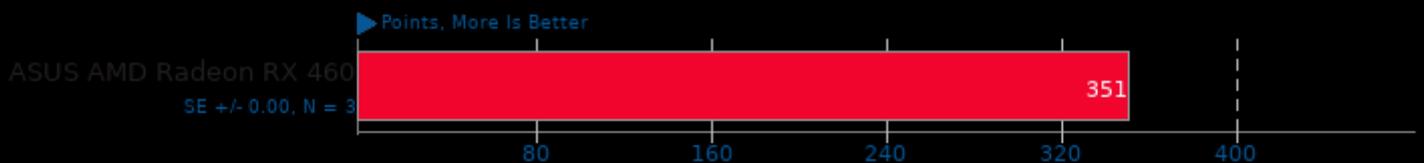
GpuTest 0.7.0

Test: Pixmark Volplosion - Resolution: 1920 x 1200 - Mode: Fullscreen



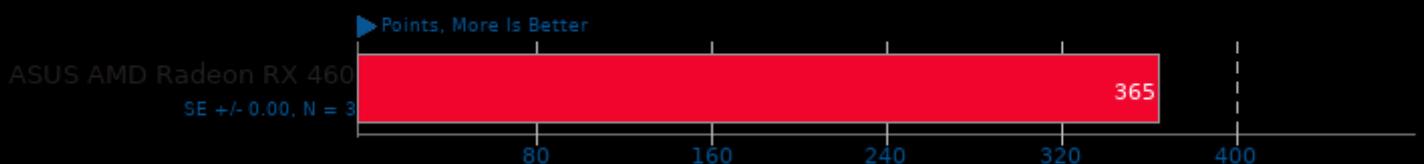
GpuTest 0.7.0

Test: Pixmark Piano - Resolution: 1280 x 1024 - Mode: Fullscreen



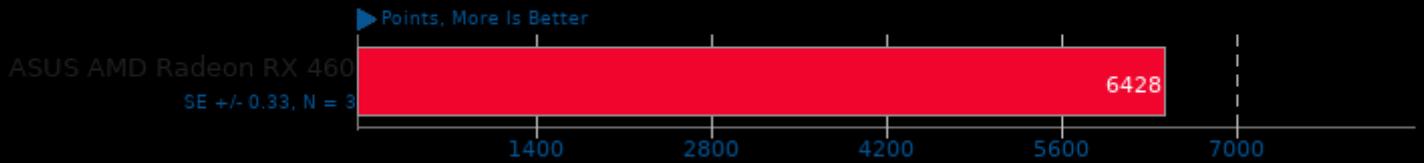
GpuTest 0.7.0

Test: Pixmark Piano - Resolution: 2560 x 1440 - Mode: Windowed



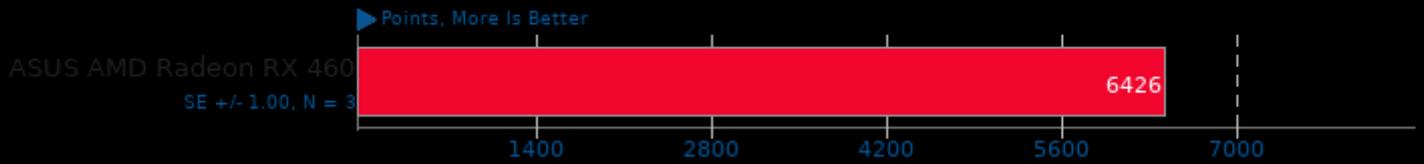
GpuTest 0.7.0

Test: TessMark - Resolution: 1920 x 1200 - Mode: Fullscreen



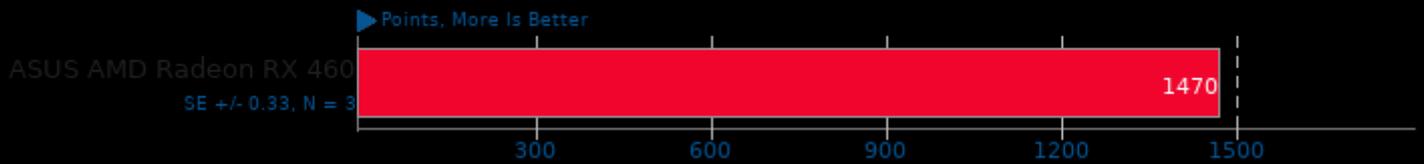
GpuTest 0.7.0

Test: TessMark - Resolution: 1920 x 1080 - Mode: Fullscreen



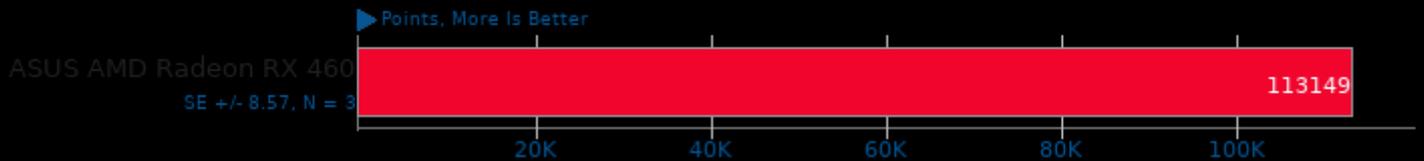
GpuTest 0.7.0

Test: Furmark - Resolution: 1920 x 1200 - Mode: Fullscreen



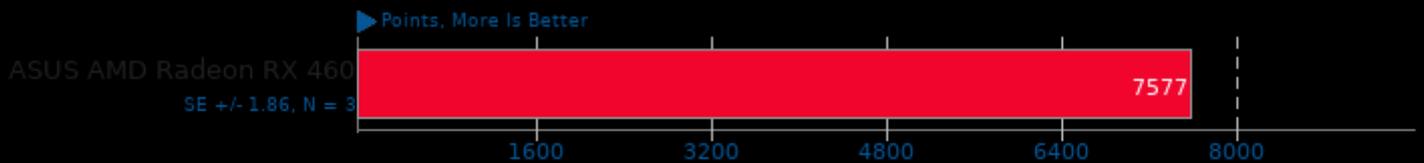
GpuTest 0.7.0

Test: Triangle - Resolution: 800 x 600 - Mode: Fullscreen



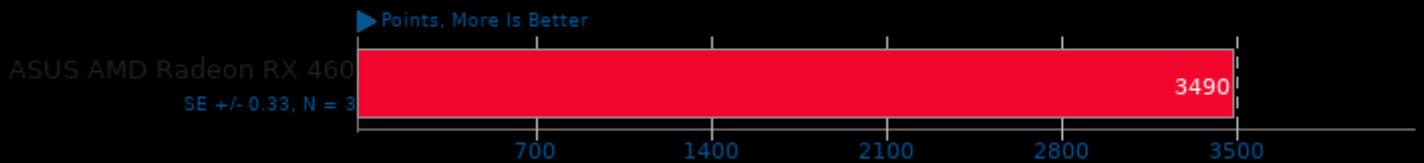
GpuTest 0.7.0

Test: TessMark - Resolution: 1600 x 1200 - Mode: Windowed



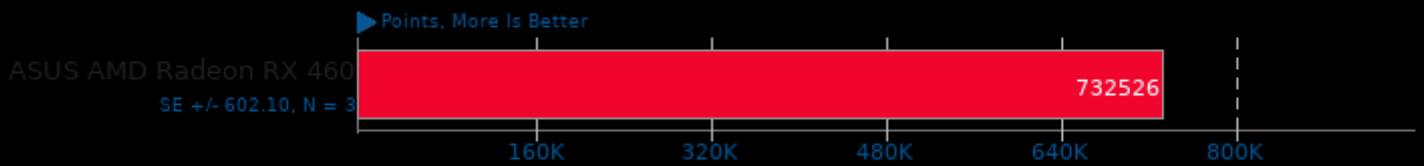
GpuTest 0.7.0

Test: GiMark - Resolution: 1600 x 1200 - Mode: Fullscreen



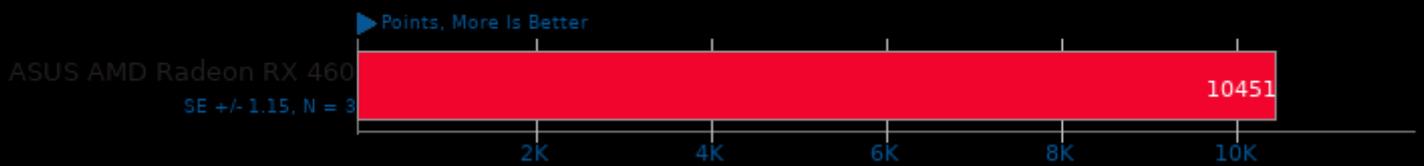
GpuTest 0.7.0

Test: Triangle - Resolution: 800 x 600 - Mode: Windowed



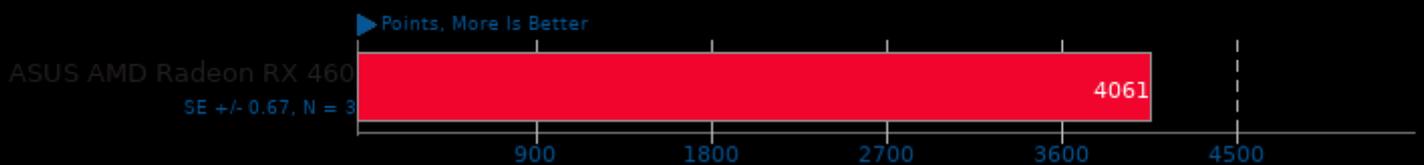
GpuTest 0.7.0

Test: TessMark - Resolution: 800 x 600 - Mode: Windowed



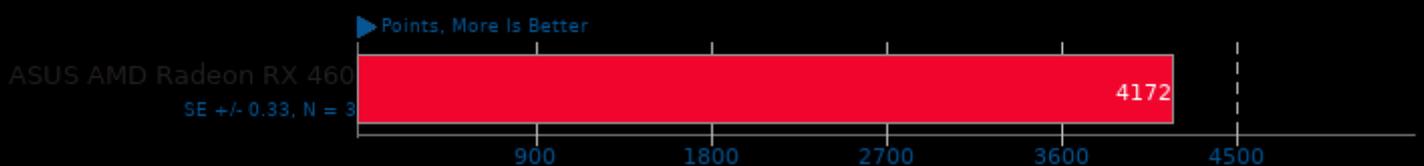
GpuTest 0.7.0

Test: GiMark - Resolution: 1920 x 1080 - Mode: Windowed



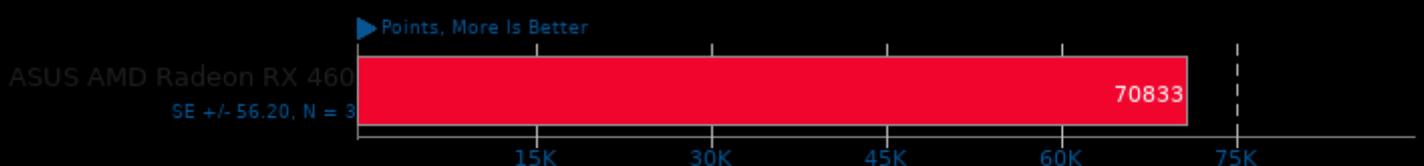
GpuTest 0.7.0

Test: GiMark - Resolution: 1600 x 1200 - Mode: Windowed



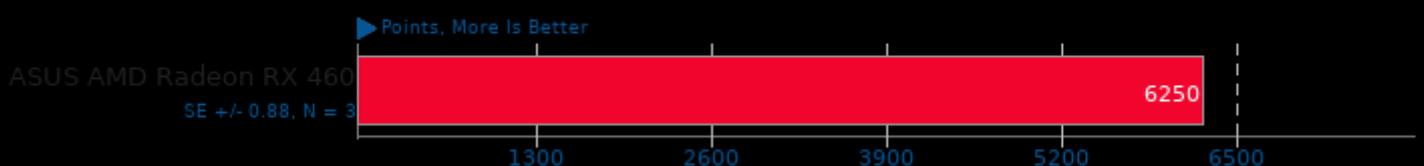
GpuTest 0.7.0

Test: Plot3D - Resolution: 800 x 600 - Mode: Windowed



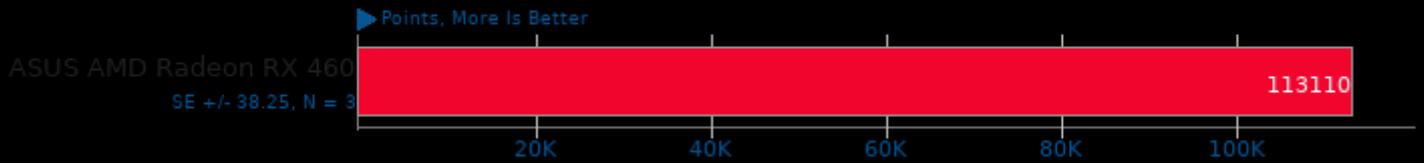
GpuTest 0.7.0

Test: Pixmark Volplosion - Resolution: 800 x 600 - Mode: Windowed



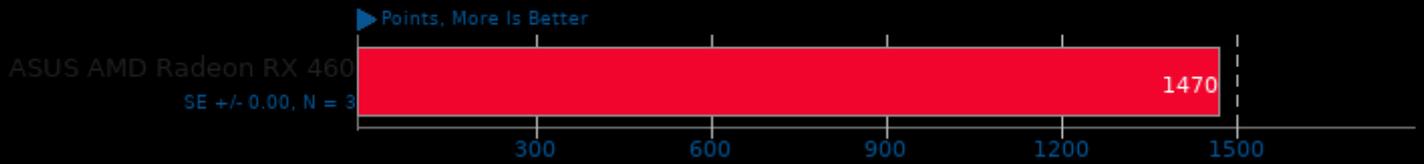
GpuTest 0.7.0

Test: Triangle - Resolution: 1920 x 1200 - Mode: Fullscreen



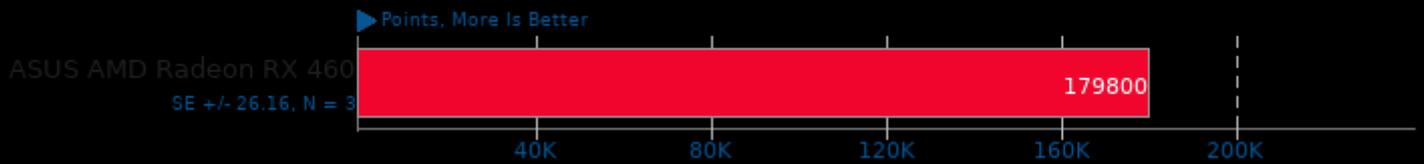
GpuTest 0.7.0

Test: Furmark - Resolution: 2560 x 1440 - Mode: Fullscreen



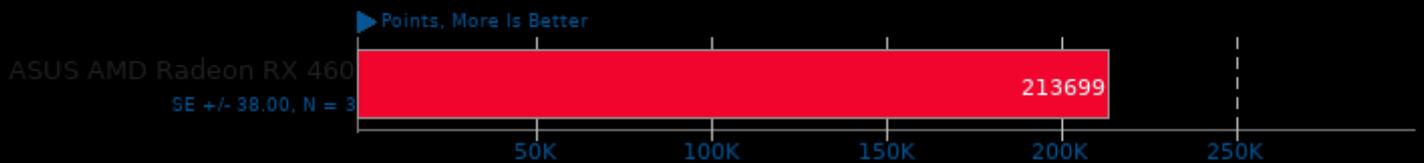
GpuTest 0.7.0

Test: Triangle - Resolution: 1920 x 1200 - Mode: Windowed



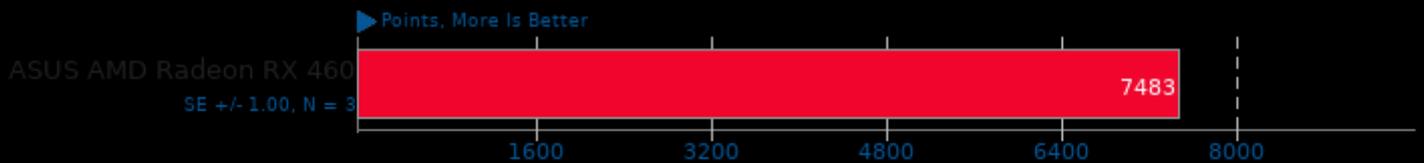
GpuTest 0.7.0

Test: Triangle - Resolution: 1600 x 1200 - Mode: Windowed



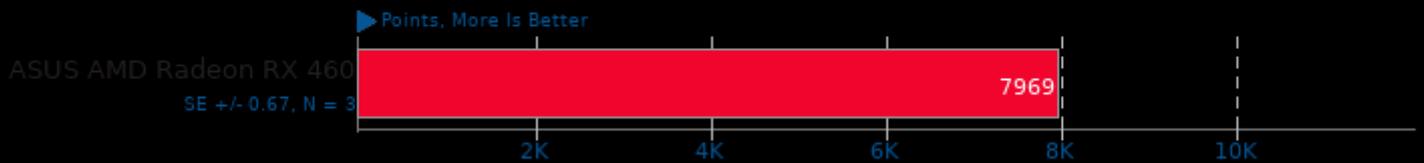
GpuTest 0.7.0

Test: TessMark - Resolution: 1920 x 1200 - Mode: Windowed



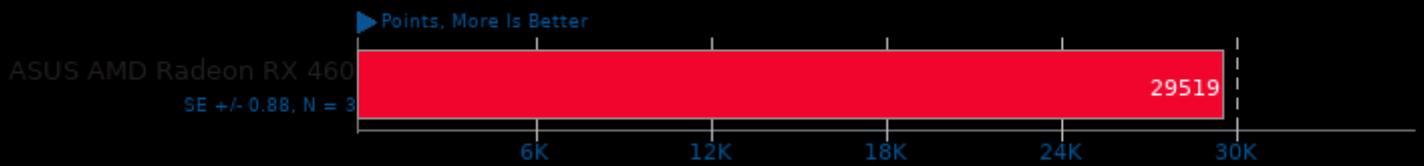
GpuTest 0.7.0

Test: TessMark - Resolution: 1920 x 1080 - Mode: Windowed



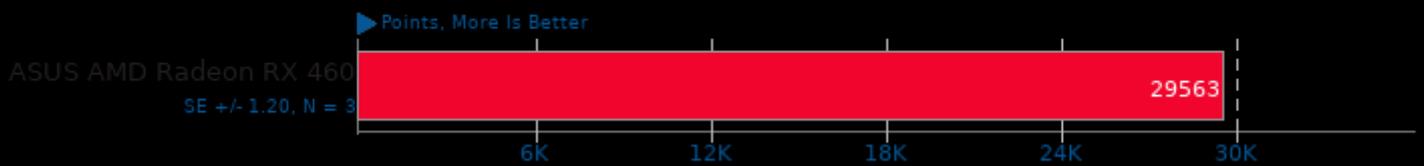
GpuTest 0.7.0

Test: Plot3D - Resolution: 2560 x 1440 - Mode: Fullscreen



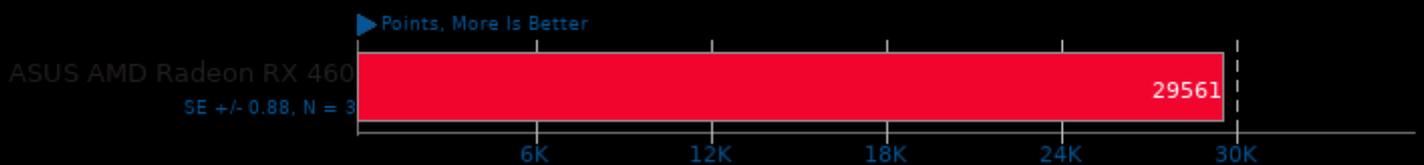
GpuTest 0.7.0

Test: Plot3D - Resolution: 1920 x 1200 - Mode: Fullscreen



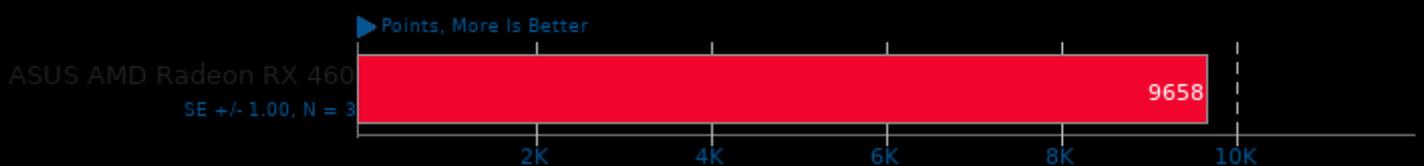
GpuTest 0.7.0

Test: Plot3D - Resolution: 1600 x 1200 - Mode: Fullscreen



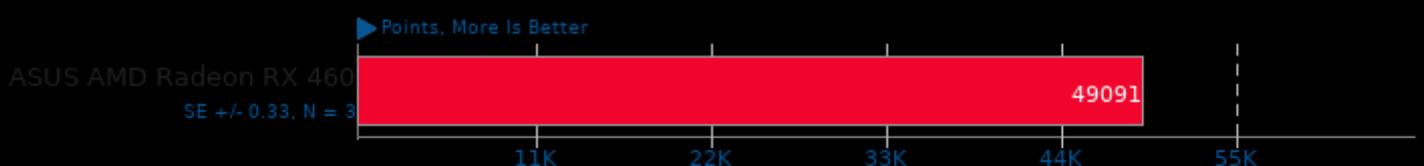
GpuTest 0.7.0

Test: TessMark - Resolution: 1024 x 768 - Mode: Windowed



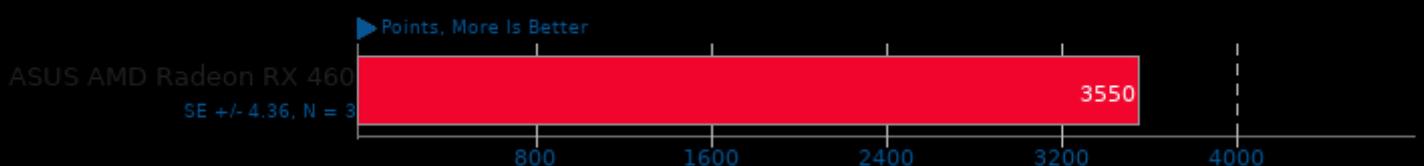
GpuTest 0.7.0

Test: Plot3D - Resolution: 1280 x 1024 - Mode: Windowed



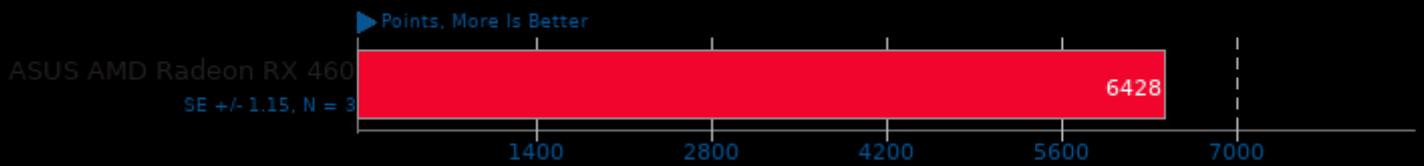
GpuTest 0.7.0

Test: GiMark - Resolution: 2560 x 1440 - Mode: Windowed



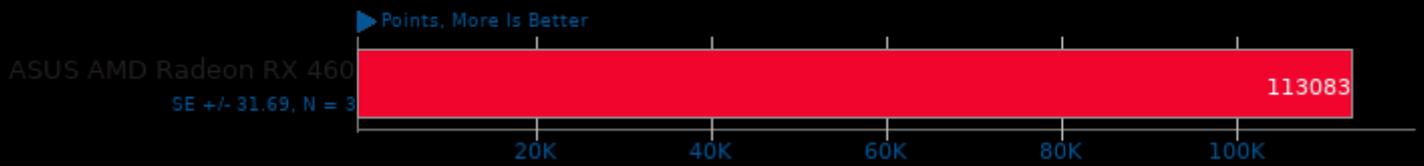
GpuTest 0.7.0

Test: TessMark - Resolution: 1600 x 1200 - Mode: Fullscreen



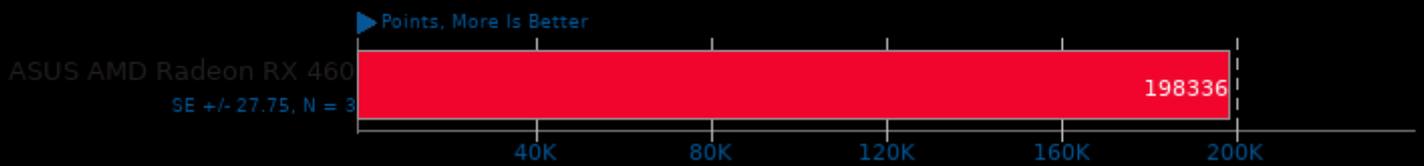
GpuTest 0.7.0

Test: Triangle - Resolution: 1024 x 768 - Mode: Fullscreen



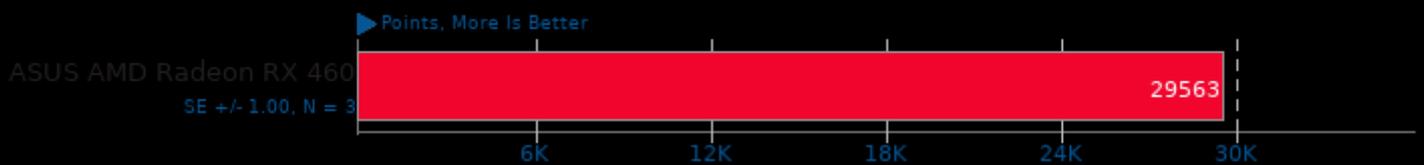
GpuTest 0.7.0

Test: Triangle - Resolution: 1920 x 1080 - Mode: Windowed



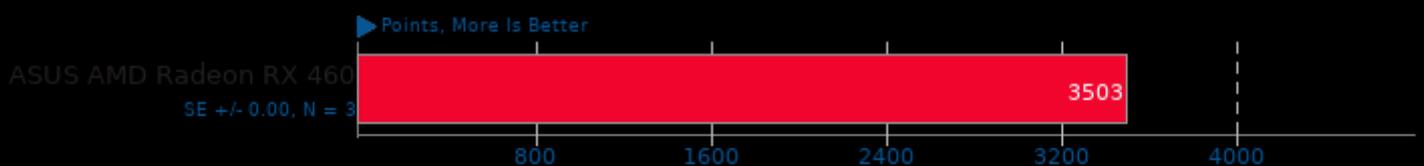
GpuTest 0.7.0

Test: Plot3D - Resolution: 1920 x 1080 - Mode: Fullscreen



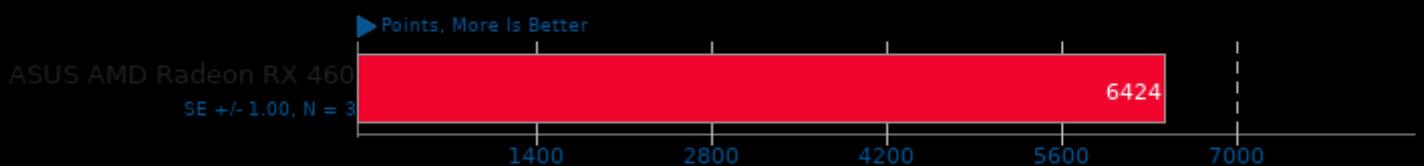
GpuTest 0.7.0

Test: GiMark - Resolution: 800 x 600 - Mode: Fullscreen



GpuTest 0.7.0

Test: TessMark - Resolution: 1024 x 768 - Mode: Fullscreen



POV-Ray 3.7.0.7

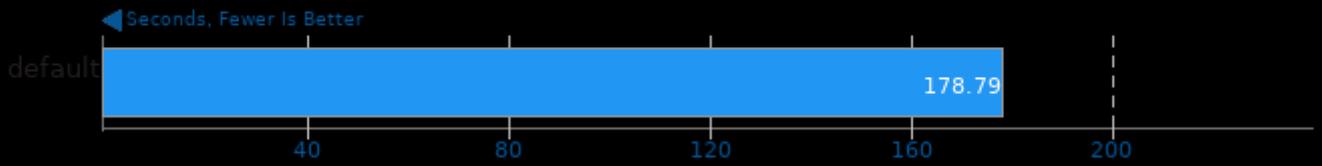
Trace Time



1. (CXX) g++ options: -pipe -O3 -ffast-math -march=native -R/usr/lib -fSSE -fXpm -fSM -fICE -fX11 -ftiff -fjpeg -fpng -lz -lrt -lm -lboost_thread -lboost_syste

Radiance Benchmark 5.0

Test: SMP Parallel



Kvazaar 2.1

Video Input: Bosphorus 4K - Video Preset: Very Fast



1. (C) gcc options: -pthread -ffree-vectorize -fvisibility=hidden -O2 -lthread -lm -lrt

7-Zip Compression 21.06

Test: Decompression Rating



1. (CXX) g++ options: -lthread -ldl -O2 -fPIC

7-Zip Compression 21.06

Test: Compression Rating



1. (CXX) g++ options: -lthread -ldl -O2 -fPIC

Kvazaar 2.1

Video Input: Bosphorus 4K - Video Preset: Ultra Fast



1. (CC) gcc options: -pthread -free-vectorize -fvisibility=hidden -O2 -lthread -lm -lrt

Kvazaar 2.1

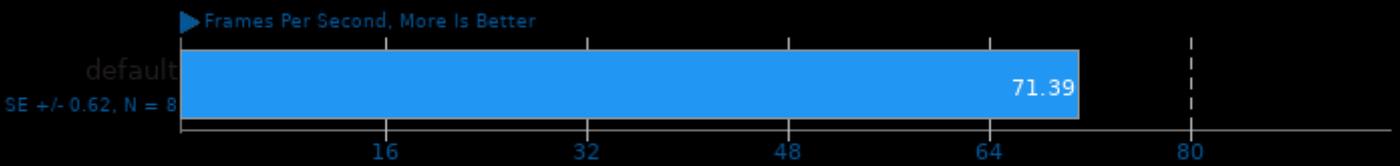
Video Input: Bosphorus 1080p - Video Preset: Slow



1. (CC) gcc options: -pthread -free-vectorize -fvisibility=hidden -O2 -lthread -lm -lrt

x264 2018-09-25

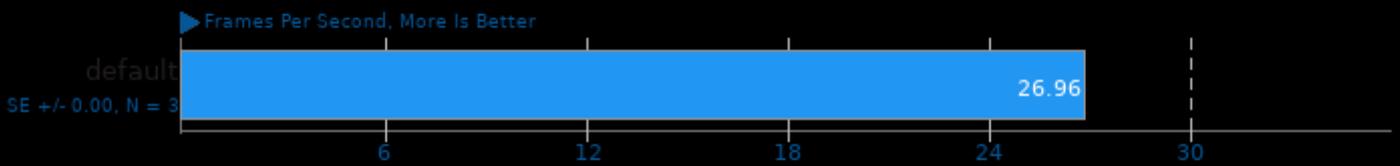
H.264 Video Encoding



1. (CC) gcc options: -ldl -lavformat -lavcodec -lavutil -lswscale -m64 -lm -lthread -O3 -ffast-math -std=gnu99 -fpic -fomit-frame-pointer -fno-tree-vectorize

Kvazaar 2.1

Video Input: Bosphorus 1080p - Video Preset: Medium



1. (CC) gcc options: -pthread -free-vectorize -fvisibility=hidden -O2 -lthread -lm -lrt

OpenSSL 1.1.1

RSA 4096-bit Performance



x265 3.4

Video Input: Bosphorus 1080p



1. (CXX) g++ options: -O3 -rdynamic -lpthread -lrt -ldl

Kvazaar 2.1

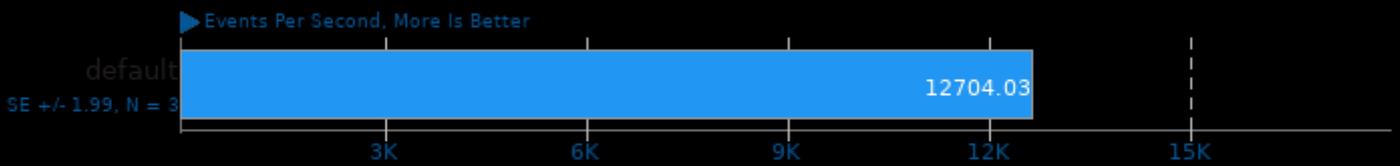
Video Input: Bosphorus 1080p - Video Preset: Very Fast



1. (C) gcc options: -pthread -free-vectorize -fvisibility=hidden -O2 -lpthread -lm -lrt

Sysbench 2018-07-28

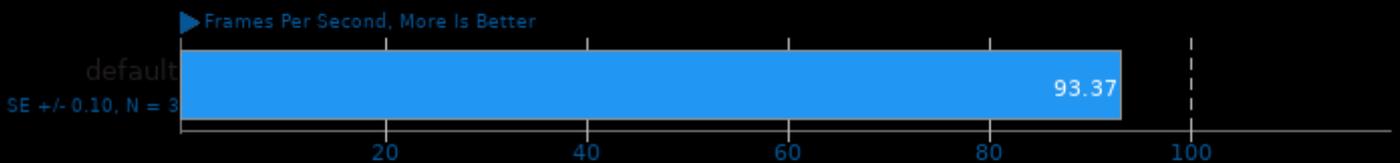
Test: CPU



1. (C) gcc options: -O3 -funroll-loops -ggdb3 -march=amdfam10 -rdynamic -ldl -laio -lm

Kvazaar 2.1

Video Input: Bosphorus 1080p - Video Preset: Ultra Fast



1. (C) gcc options: -pthread -free-vectorize -fvisibility=hidden -O2 -lpthread -lm -lrt

ctx_clock

Context Switch Time



This file was automatically generated via the Phoronix Test Suite benchmarking software on Friday, 29 March 2024 10:51.