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AMD-R7

AMD Ryzen 7 5700X 8-Core testing with a ASUS TUF GAMING B550-PLUS (WI-FI) (2806 BIOS) and NVIDIA GeForce RTX 2070 8GB on Microsoft Windows 10 Pro Build 19045 via the Phoronix Test Suite.

Test Systems:

R7 5700X

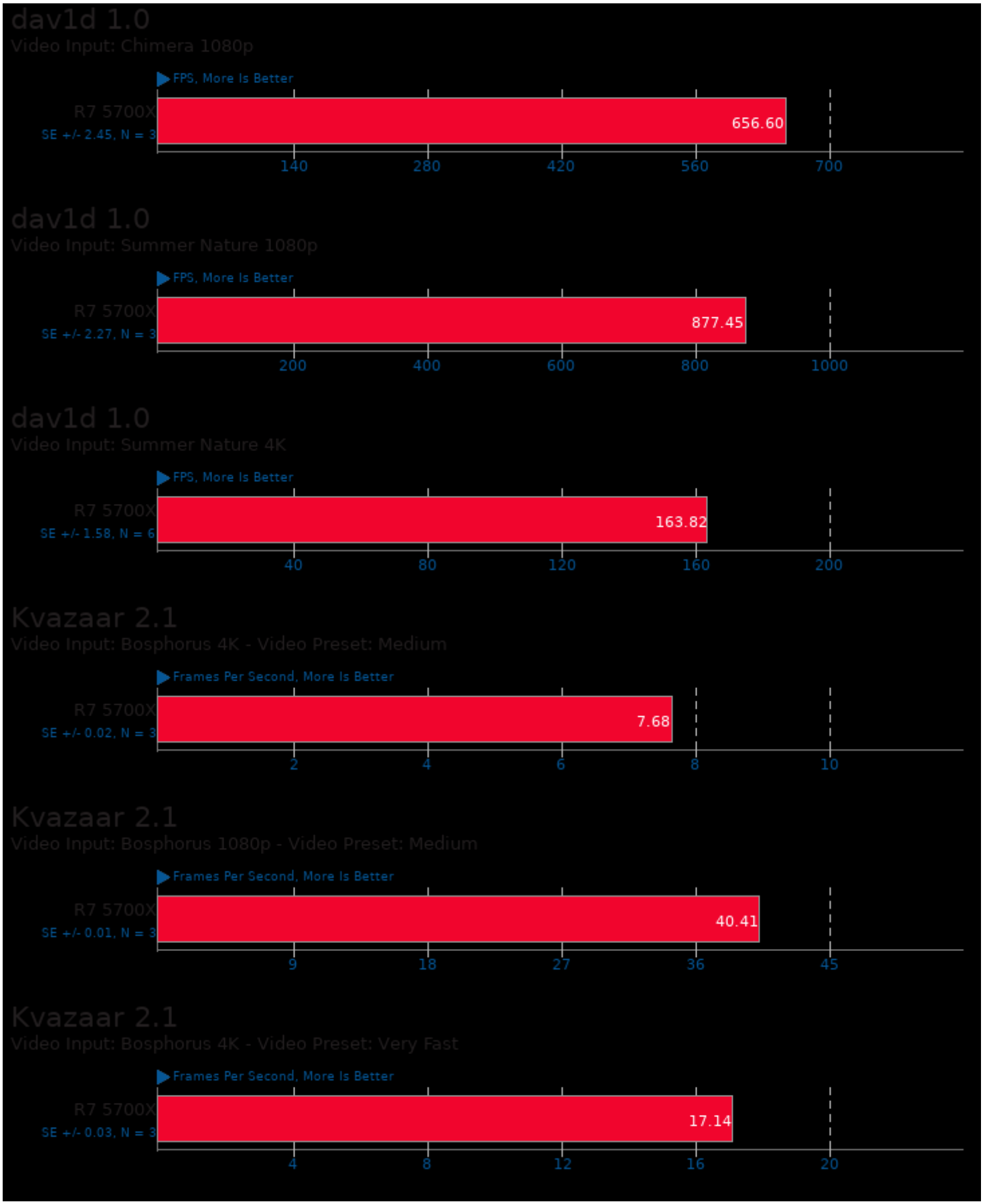
Processor: AMD Ryzen 7 5700X 8-Core @ 3.40GHz (8 Cores / 16 Threads), Motherboard: ASUS TUF GAMING B550-PLUS (WI-FI) (2806 BIOS), Memory: 1 x 32768 MB 3200MHz Kingston KF3200C16D4, Disk: 1863GB KINGSTON SNV2S2000G, Graphics: NVIDIA GeForce RTX 2070 8GB, Audio: NVIDIA Virtual Audio Device (Wave Extensible) (WDM) + Urzdzenie zgodne ze standardem HD Audio + NVIDIA HD Audio, Monitor: DELL U717D, Network: 2 x Bluetooth Device (Personal Area) + VirtualBox Host-Only #2 + Realtek PCIe GBE

OS: Microsoft Windows 10 Pro Build 19045, Kernel: 10.0.19045.2486 (x86_64), Display Driver: 528.02 (31.0.15.2802), Compiler: GCC 8.3.0, File-System: NTFS, Screen Resolution: 2560x1440

Security Notes: __user pointer sanitization: Disabled + Retpoline: Full + IBPB: Always + IBRS: Enabled + STIBP: Enabled + VBS: Disabled

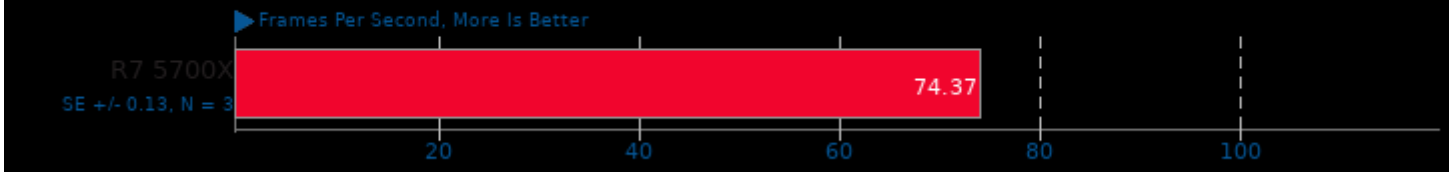
AMD-R7

	R7 5700X
dav1d - Chimera 1080p (FPS)	656.60
Standard Deviation	0.6%
dav1d - S.N.1 (FPS)	877.45
Standard Deviation	0.4%
dav1d - Summer Nature 4K (FPS)	163.82
Standard Deviation	2.4%
Kvazaar - Bosphorus 4K - Medium (FPS)	7.68
Standard Deviation	0.4%
Kvazaar - Bosphorus 1080p - Medium (FPS)	40.41
Standard Deviation	0.1%
Kvazaar - Bosphorus 4K - Very Fast (FPS)	17.14
Standard Deviation	0.4%
Kvazaar - Bosphorus 1080p - Very Fast (FPS)	74.37
Standard Deviation	0.3%
x264 - Bosphorus 4K (FPS)	26.72
Standard Deviation	1.6%
x264 - Bosphorus 1080p (FPS)	118.15
Standard Deviation	0.5%
7-Zip Compression - Compression Rating (MIPS)	66305
Standard Deviation	0.2%
7-Zip Compression - D.R (MIPS)	67009
Standard Deviation	0.7%
Blender - BMW27 - CUDA (sec)	25.90
Standard Deviation	0.3%
Blender - BMW27 - CPU-Only (sec)	174.34
Standard Deviation	0.1%
SVT-AV1 - Preset 4 - Bosphorus 1080p (FPS)	5.488
Standard Deviation	0.2%
SVT-AV1 - Preset 10 - Bosphorus 4K (FPS)	50.307
Standard Deviation	2.2%


dav1d 1.0
Video Input: Chimera 1080p
FPS, More Is Better
R7 5700X
SE +/- 2.45, N = 3
656.60
140
280
420
560
700
dav1d 1.0
Video Input: Summer Nature 1080p
FPS, More Is Better
R7 5700X
SE +/- 2.27, N = 3
877.45
200
400
600
800
1000
dav1d 1.0
Video Input: Summer Nature 4K
FPS, More Is Better
R7 5700X
SE +/- 1.58, N = 6
163.82
40
80
120
160
200
Kvazaar 2.1
Video Input: Bosphorus 4K - Video Preset: Medium
Frames Per Second, More Is Better
R7 5700X
SE +/- 0.02, N = 3
7.68
2
4
6
8
10
Kvazaar 2.1
Video Input: Bosphorus 1080p - Video Preset: Medium
Frames Per Second, More Is Better
R7 5700X
SE +/- 0.01, N = 3
40.41
9
18
27
36
45
Kvazaar 2.1
Video Input: Bosphorus 4K - Video Preset: Very Fast
Frames Per Second, More Is Better
R7 5700X
SE +/- 0.03, N = 3
17.14
4
8
12
16
20

Kvazaar 2.1

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



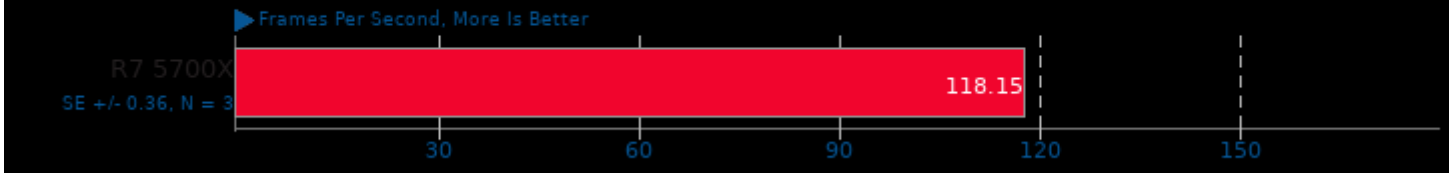
x264 2022-02-22

Video Input: Bosphorus 4K



x264 2022-02-22

Video Input: Bosphorus 1080p



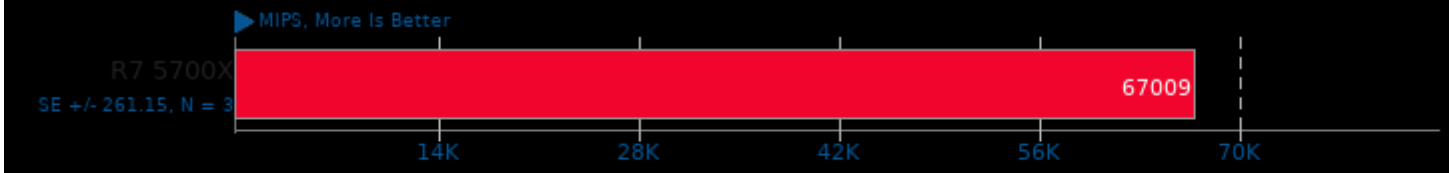
7-Zip Compression 22.01

Test: Compression Rating



7-Zip Compression 22.01

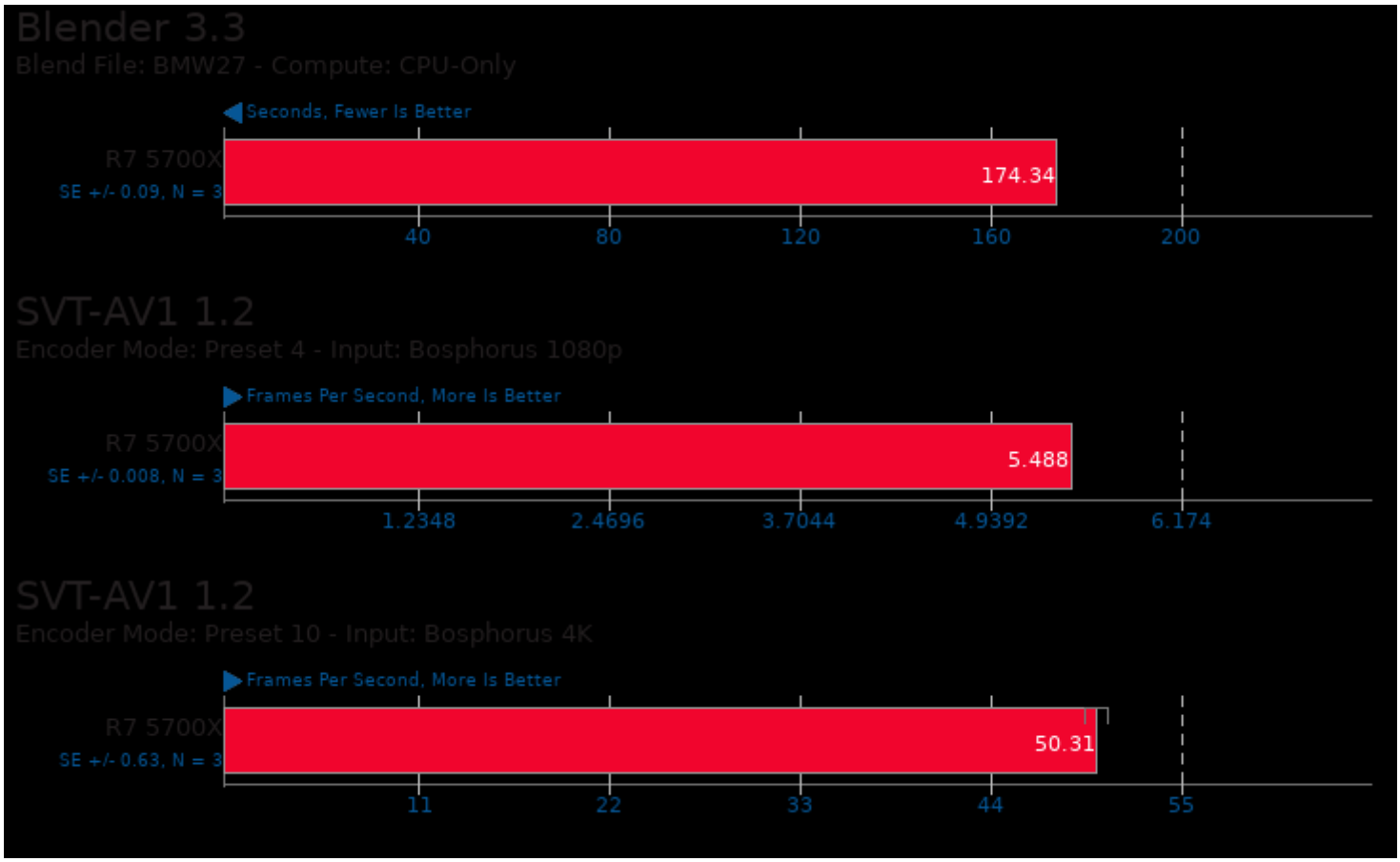
Test: Decompression Rating



Blender 3.3

Blend File: BMW27 - Compute: CUDA





This file was automatically generated via the Phoronix Test Suite benchmarking software on Friday, 29 March 2024 09:53.