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2021-05-31-0934

Intel Core 2 Duo E8400 testing with a Dell 0TP412 (A14 BIOS) and ASUS AMD Radeon R7 370 R9 270X/370X 2GB on Linuxmint 20.1 via the Phoronix Test Suite.

Test Systems:

ASUS AMD Radeon R7 370 R9 270X

Processor: Intel Core 2 Duo E8400 @ 3.00GHz (2 Cores), Motherboard: Dell 0TP412 (A14 BIOS), Chipset: Intel 82X38/X48 + ICH9R, Memory: 8GB, Disk: 250GB Seagate ST3250310NS, Graphics: ASUS AMD Radeon R7 370 R9 270X/370X 2GB, Audio: Analog Devices AD1984, Monitor: SyncMaster, Network: Broadcom NetXtreme BCM5754 PCI

OS: Linuxmint 20.1, Kernel: 5.4.0-73-generic (x86_64), Desktop: Cinnamon 4.8.6, Display Server: X Server 1.20.9, OpenGL: 4.6 Mesa 20.2.6 (LLVM 11.0.0), Vulkan: 1.2.131, Compiler: GCC 9.3.0, File-System: ext4, Screen Resolution: 1920x1200

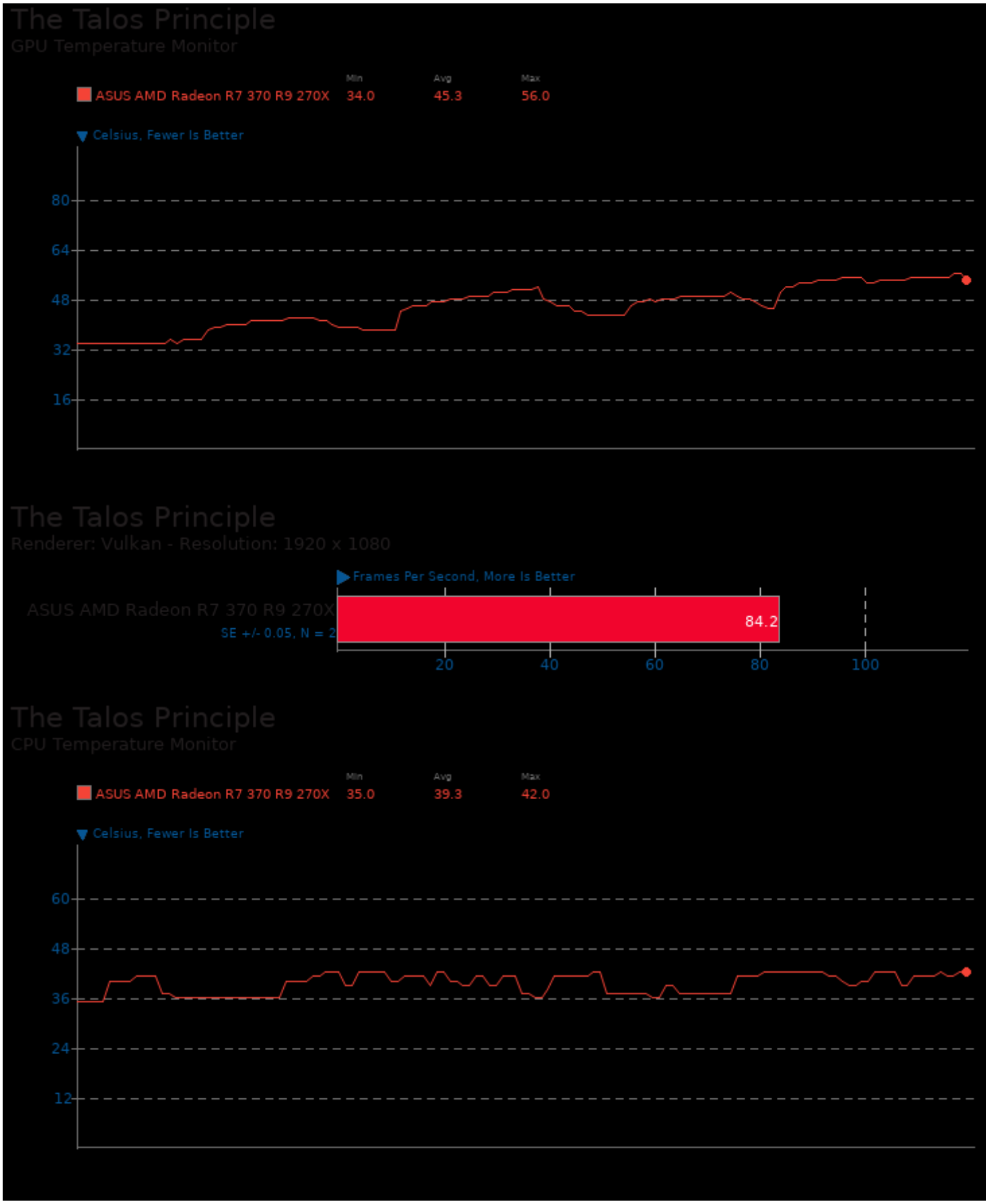
Kernel Notes: radeon.cik_support=0 amdgpu.cik_support=1 radeon.si_support=0 amdgpu.si_support=1 - Transparent Huge Pages: madvise
Processor Notes: Scaling Governor: acpi-cpufreq ondemand - CPU Microcode: 0xa0b
Graphics Notes: GLAMOR

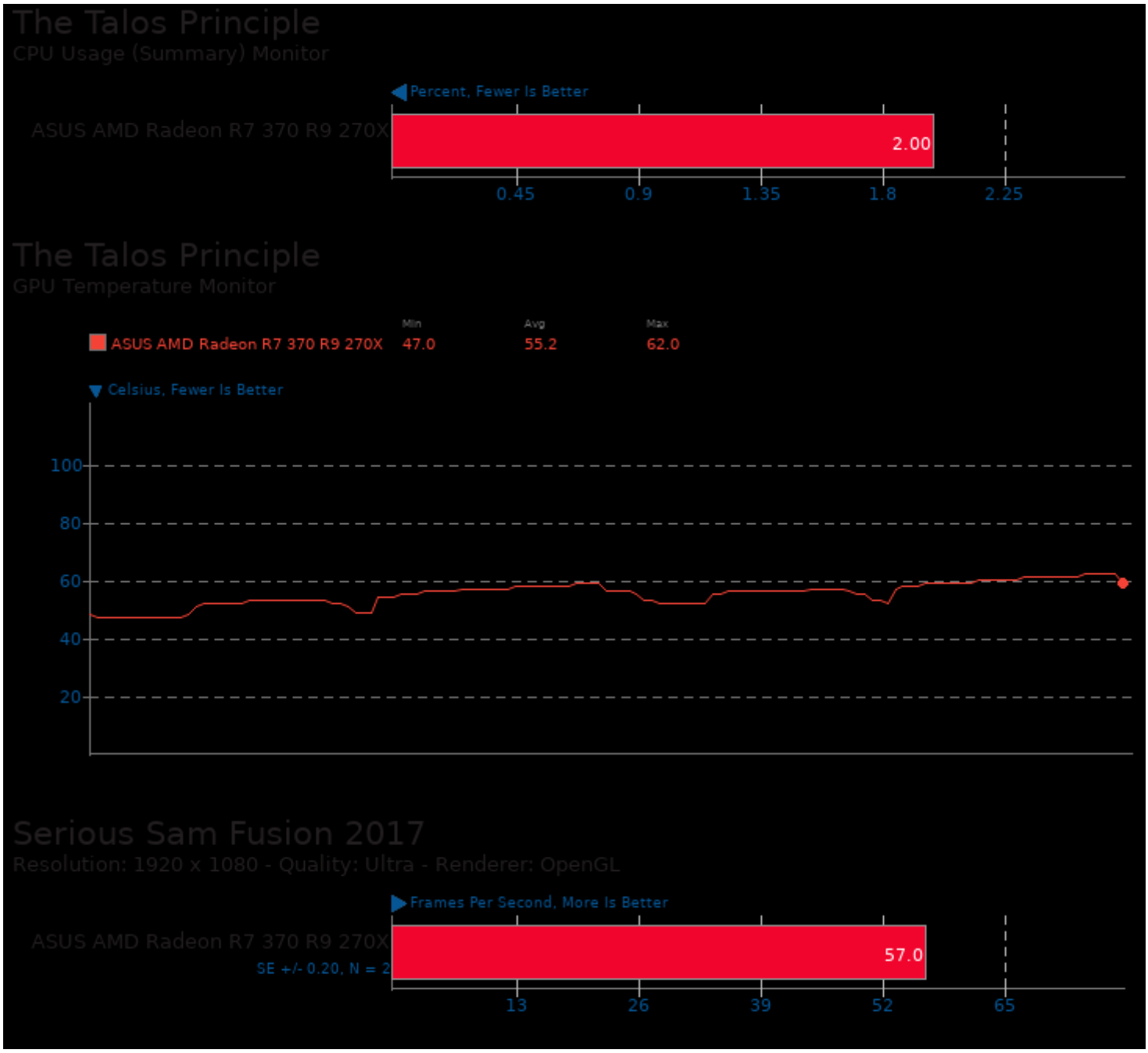
2021-05-31-0934

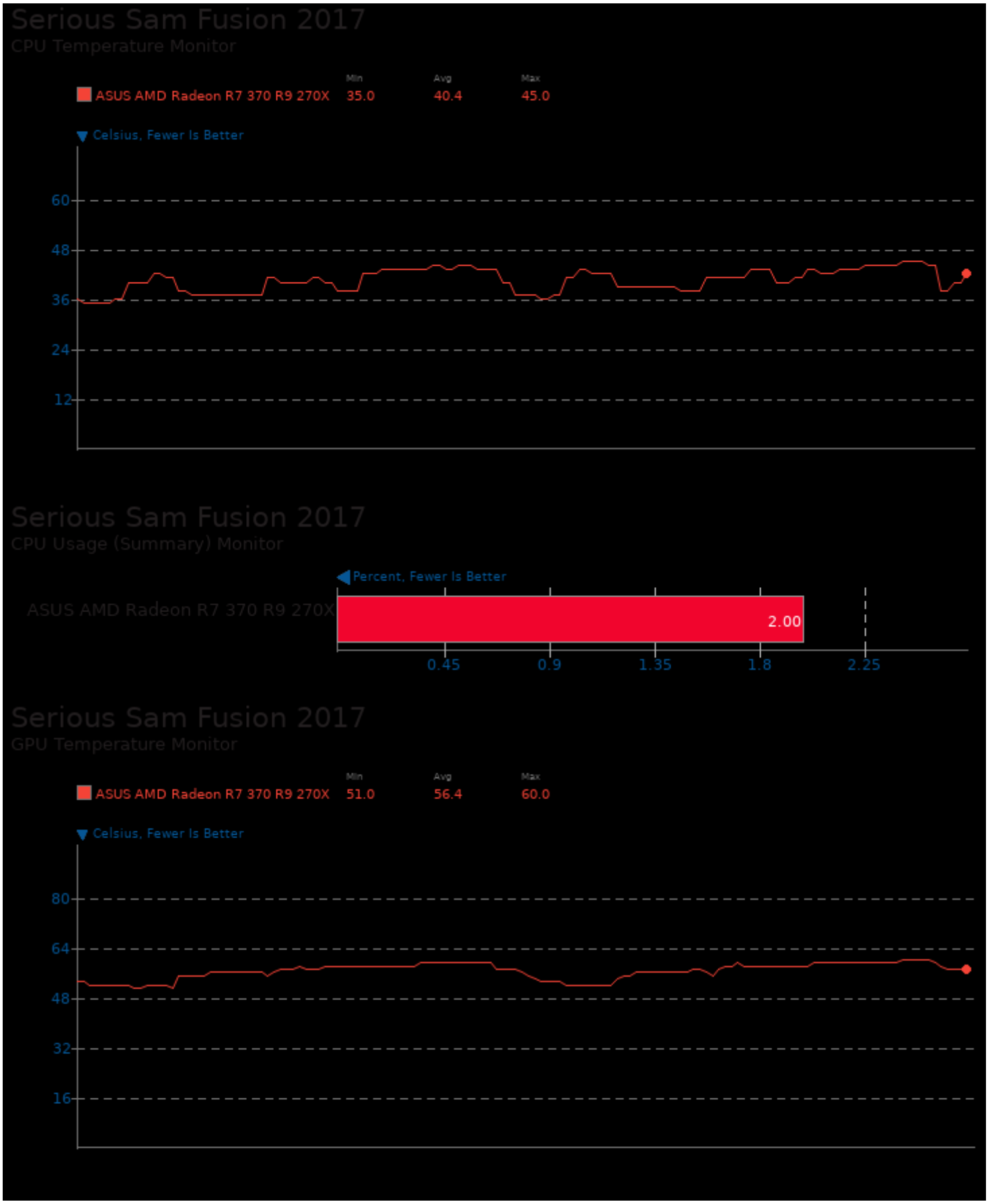
Security Notes: itlb_multihit: KVM: Mitigation of Split huge pages + l1tf: Mitigation of PTE Inversion; VMX: EPT disabled + mds: Vulnerable: Clear buffers attempted no microcode; SMT disabled + meltdown: Mitigation of PTI + spec_store_bypass: Vulnerable + spectre_v1: Mitigation of usercopy/swapgs barriers and __user pointer sanitization + spectre_v2: Mitigation of Full generic retpoline STIBP: disabled RSB filling + srbds: Not affected + tsx_async_abort: Not affected

	ASUS AMD Radeon R7 370 R9 270X
The Talos Principle - OpenGL - 1920 x 1080 (FPS)	79.5
Standard Deviation	7.9%
The Talos Principle - Vulkan - 1920 x 1080 (FPS)	84.2
Standard Deviation	0.1%
Serious Sam Fusion 2017 - 1920 x 1080 - Ultra - OpenGL (FPS)	57.0
Standard Deviation	0.5%
Serious Sam Fusion 2017 - 1920 x 1080 - Ultra - Vulkan (FPS)	57.0
Standard Deviation	0.6%
Warsow - 1920 x 1080 (FPS)	276.2
Standard Deviation	21.3%
Nexuiz - 1920 x 1080 - No - Off (FPS)	160.0304178
Standard Deviation	5%

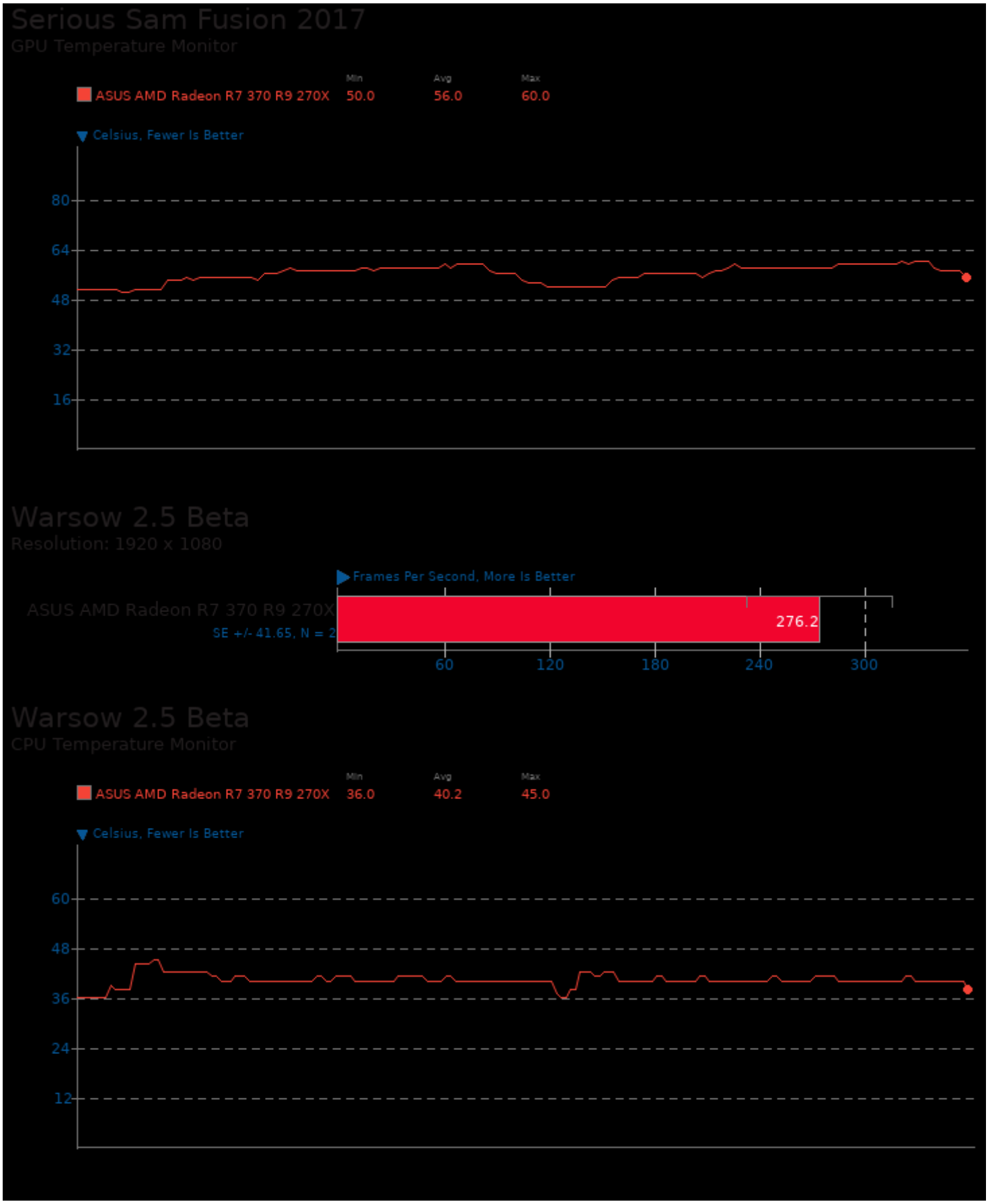

The Talos Principle
Renderer: OpenGL - Resolution: 1920 x 1080
Frames Per Second, More Is Better
ASUS AMD Radeon R7 370 R9 270X
SE +/- 4.45, N = 2
79.5
20
40
60
80
100
The Talos Principle
CPU Temperature Monitor
Min
Avg
Max
ASUS AMD Radeon R7 370 R9 270X
33.0
38.0
42.0
Celsius, Fewer Is Better
60
48
36
24
12
The Talos Principle
CPU Usage (Summary) Monitor
Percent, Fewer Is Better
ASUS AMD Radeon R7 370 R9 270X
2.00
0.45
0.9
1.35
1.8
2.25

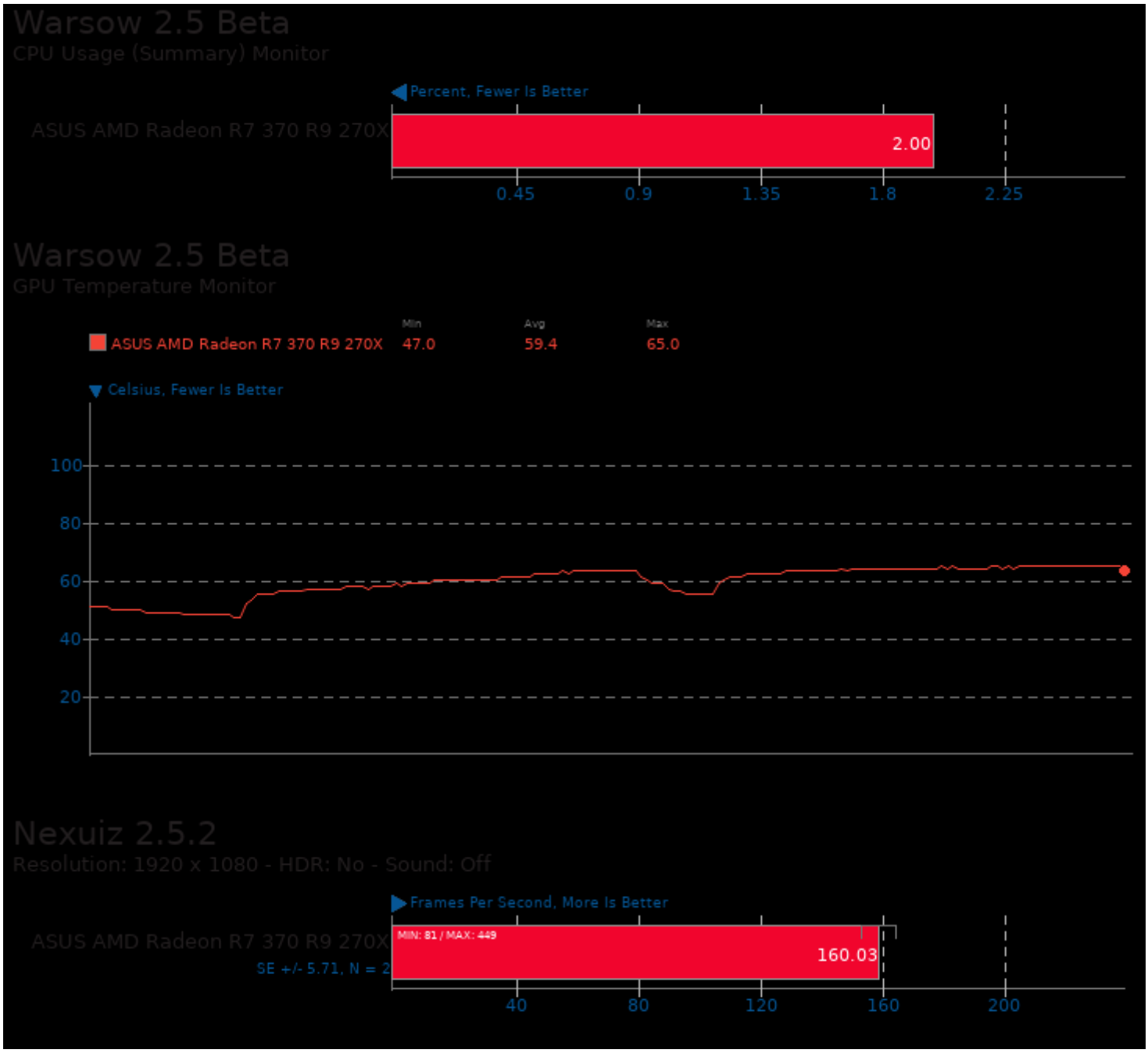

The Talos Principle
GPU Temperature Monitor
Min
Avg
Max
ASUS AMD Radeon R7 370 R9 270X
34.0
45.3
56.0
Celsius, Fewer Is Better
80
64
48
32
16
The Talos Principle
Renderer: Vulkan - Resolution: 1920 x 1080
Frames Per Second, More Is Better
ASUS AMD Radeon R7 370 R9 270X
SE +/- 0.05, N = 2
84.2
20
40
60
80
100
The Talos Principle
CPU Temperature Monitor
Min
Avg
Max
ASUS AMD Radeon R7 370 R9 270X
35.0
39.3
42.0
Celsius, Fewer Is Better
60
48
36
24
12

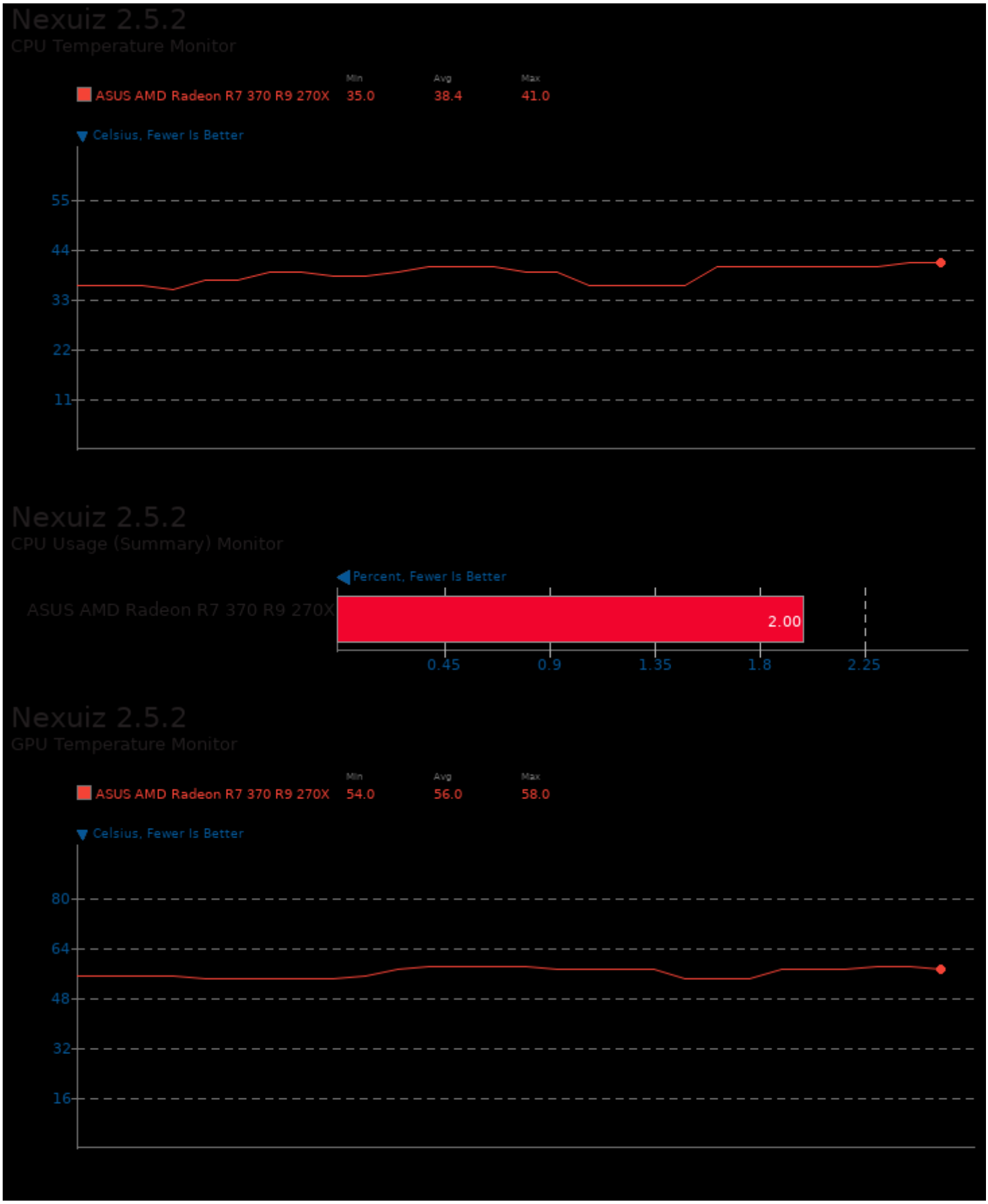

The Talos Principle
CPU Usage (Summary) Monitor
Percent, Fewer Is Better
ASUS AMD Radeon R7 370 R9 270X
2.00
0.45
0.9
1.35
1.8
2.25
The Talos Principle
GPU Temperature Monitor
Min
Avg
Max
ASUS AMD Radeon R7 370 R9 270X
47.0
55.2
62.0
Celsius, Fewer Is Better
100
80
60
40
20
Serious Sam Fusion 2017
Resolution: 1920 x 1080 - Quality: Ultra - Renderer: OpenGL
Frames Per Second, More Is Better
ASUS AMD Radeon R7 370 R9 270X
SE +/- 0.20, N = 2
57.0
13
26
39
52
65

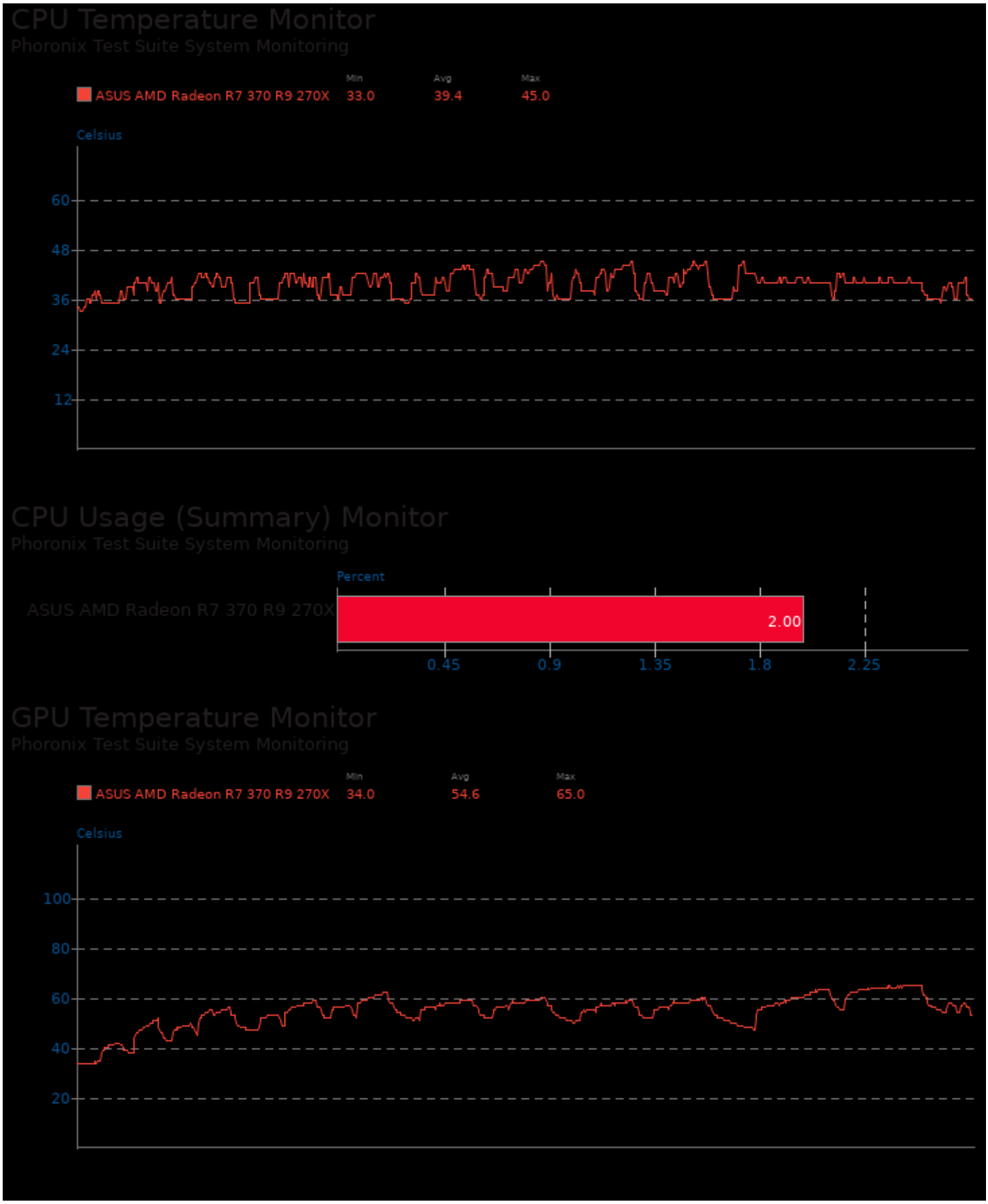

Serious Sam Fusion 2017
CPU Temperature Monitor
Min
Avg
Max
ASUS AMD Radeon R7 370 R9 270X
35.0
40.4
45.0
Celsius, Fewer Is Better
60
48
36
24
12
Serious Sam Fusion 2017
CPU Usage (Summary) Monitor
Percent, Fewer Is Better
ASUS AMD Radeon R7 370 R9 270X
2.00
0.45
0.9
1.35
1.8
2.25
Serious Sam Fusion 2017
GPU Temperature Monitor
Min
Avg
Max
ASUS AMD Radeon R7 370 R9 270X
51.0
56.4
60.0
Celsius, Fewer Is Better
80
64
48
32
16


Serious Sam Fusion 2017
Resolution: 1920 x 1080 - Quality: Ultra - Renderer: Vulkan
Frames Per Second, More Is Better
ASUS AMD Radeon R7 370 R9 270X
SE +/- 0.25, N = 2
57.0
13
26
39
52
65
Serious Sam Fusion 2017
CPU Temperature Monitor
Min
Avg
Max
ASUS AMD Radeon R7 370 R9 270X
36.0
40.7
45.0
Celsius, Fewer Is Better
60
48
36
24
12
Serious Sam Fusion 2017
CPU Usage (Summary) Monitor
Percent, Fewer Is Better
ASUS AMD Radeon R7 370 R9 270X
2.00
0.45
0.9
1.35
1.8
2.25


Serious Sam Fusion 2017
GPU Temperature Monitor
Min
Avg
Max
ASUS AMD Radeon R7 370 R9 270X
50.0
56.0
60.0
Celsius, Fewer Is Better
80
64
48
32
16
Warsow 2.5 Beta
Resolution: 1920 x 1080
Frames Per Second, More Is Better
ASUS AMD Radeon R7 370 R9 270X
SE +/- 41.65, N = 2
276.2
60
120
180
240
300
Warsow 2.5 Beta
CPU Temperature Monitor
Min
Avg
Max
ASUS AMD Radeon R7 370 R9 270X
36.0
40.2
45.0
Celsius, Fewer Is Better
60
48
36
24
12


Warsow 2.5 Beta
CPU Usage (Summary) Monitor
Percent, Fewer Is Better
ASUS AMD Radeon R7 370 R9 270X
2.00
0.45
0.9
1.35
1.8
2.25
Warsow 2.5 Beta
GPU Temperature Monitor
Min
Avg
Max
ASUS AMD Radeon R7 370 R9 270X
47.0
59.4
65.0
Celsius, Fewer Is Better
100
80
60
40
20
Nexuiz 2.5.2
Resolution: 1920 x 1080 - HDR: No - Sound: Off
Frames Per Second, More Is Better
ASUS AMD Radeon R7 370 R9 270X
SE +/- 5.71, N = 2
MIN: 81 / MAX: 449
160.03
40
80
120
160
200


Nexuiz 2.5.2
CPU Temperature Monitor
Min
Avg
Max
ASUS AMD Radeon R7 370 R9 270X
35.0
38.4
41.0
Celsius, Fewer Is Better
55
44
33
22
11
Nexuiz 2.5.2
CPU Usage (Summary) Monitor
Percent, Fewer Is Better
ASUS AMD Radeon R7 370 R9 270X
2.00
0.45
0.9
1.35
1.8
2.25
Nexuiz 2.5.2
GPU Temperature Monitor
Min
Avg
Max
ASUS AMD Radeon R7 370 R9 270X
54.0
56.0
58.0
Celsius, Fewer Is Better
80
64
48
32
16



This file was automatically generated via the Phoronix Test Suite benchmarking software on Friday, 29 March 2024 04:32.