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R32_4_4_Xavier-NX_AN110_Camera_IMX290_Dual_1

ARMv8 rev 0 testing with a NVIDIA Jetson Xavier NX Developer Kit and NVIDIA Tegra Xavier on Ubuntu 18.04 via the Phoronix Test Suite.

Test Systems:

eMMC

Processor: ARMv8 rev 0 @ 1.42GHz (6 Cores), Motherboard: NVIDIA Jetson Xavier NX Developer Kit, Memory: 8GB, Disk: 16GB Storage Media + 16GB DG4016, Graphics: NVIDIA TEGRA, Monitor: Acer KG241Q

OS: Ubuntu 18.04, Kernel: 4.9.140-tegra (aarch64), Desktop: Unity 7.5.0, Display Server: X Server 1.19.6, Display Driver: NVIDIA 1.0.0, Vulkan: 1.2.131, Compiler: GCC 7.5.0 + CUDA 10.2, File-System: ext4, Screen Resolution: 1920x1080

Compiler Notes: --build=aarch64-linux-gnu --disable-libquadmath --disable-libquadmath-support --disable-werror --enable-bootstrap --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-fix-cortex-a53-843419 --enable-gnu-unique-object --enable-languages=c,ada,c++,go,d,fortran,objc,obj-c++ --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-multiarch --enable-nls --enable-plugin --enable-shared --enable-threads=posix --host=aarch64-linux-gnu --program-prefix=aarch64-linux-gnu- --target=aarch64-linux-gnu --with-default-libstdcxx-abi=new --with-gcc-major-version-only -v
Disk Notes: CFQ / data=ordered,relatime,rw

Processor Notes: Scaling Governor: tegra_cpufreq schedutil

eMMC_W

Processor: ARMv8 rev 0 @ 1.42GHz (6 Cores), Motherboard: NVIDIA Jetson Xavier NX Developer Kit, Memory: 8GB, Disk: 16GB Storage Media + 16GB DG4016, Graphics: NVIDIA TEGRA, Monitor: Acer KG241Q

OS: Ubuntu 18.04, Kernel: 4.9.140-tegra (aarch64), Desktop: Unity 7.5.0, Display Server: X Server 1.19.6, Display Driver: NVIDIA 1.0.0, OpenGL: 4.6.0, Vulkan: 1.2.131, Compiler: GCC 7.5.0 + CUDA 10.2, File-System: ext4, Screen Resolution: 1920x1080

Compiler Notes: --build=aarch64-linux-gnu --disable-libquadmath --disable-libquadmath-support --disable-werror --enable-bootstrap --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-fix-cortex-a53-843419 --enable-gnu-unique-object --enable-languages=c,ada,c++,go,d,fortran,objc,obj-c++ --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-multiarch --enable-nls --enable-plugin --enable-shared --enable-threads=posix --host=aarch64-linux-gnu --program-prefix=aarch64-linux-gnu- --target=aarch64-linux-gnu --with-default-libstdcxx-abi=new --with-gcc-major-version-only -v
Processor Notes: Scaling Governor: tegra_cpufreq schedutil
Disk Mount Options Notes: data=ordered,relatime,rw

usb3.0

usb3.0_w

usb2.0

Processor: ARMv8 rev 0 @ 1.42GHz (6 Cores), Motherboard: NVIDIA Jetson Xavier NX Developer Kit, Memory: 8GB, Disk: 16GB Storage Media + 16GB DG4016, Graphics: NVIDIA TEGRA, Monitor: Acer KG241Q

OS: Ubuntu 18.04, Kernel: 4.9.140-tegra (aarch64), Desktop: Unity 7.5.0, Display Server: X Server 1.19.6, Display Driver: NVIDIA 1.0.0, OpenGL: 4.6.0, Vulkan: 1.2.131, Compiler: GCC 7.5.0, File-System: ext4, Screen Resolution: 1920x1080

Compiler Notes: --build=aarch64-linux-gnu --disable-libquadmath --disable-libquadmath-support --disable-werror --enable-bootstrap --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-fix-cortex-a53-843419 --enable-gnu-unique-object --enable-languages=c,ada,c++,go,d,fortran,objc,obj-c++ --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-multiarch --enable-nls --enable-plugin --enable-shared --enable-threads=posix --host=aarch64-linux-gnu --program-prefix=aarch64-linux-gnu- --target=aarch64-linux-gnu --with-default-libstdcxx-abi=new --with-gcc-major-version-only -v
Disk Notes: CFQ / data=ordered,relatime,rw
Processor Notes: Scaling Governor: tegra_cpufreq schedutil

sd

sd_w

Memory

cpu

Processor: ARMv8 rev 0 @ 1.42GHz (6 Cores), Motherboard: NVIDIA Jetson Xavier NX Developer Kit, Memory: 8GB, Disk: 16GB DG4016 + 31GB SD32G, Graphics: NVIDIA Tegra Xavier, Monitor: Acer KG241Q

OS: Ubuntu 18.04, Kernel: 4.9.140-tegra (aarch64), Desktop: Unity 7.5.0, Display Server: X Server 1.19.6, Display Driver: NVIDIA 32.4.4, OpenGL: 4.6.0, Vulkan: 1.2.131, Compiler: GCC 7.5.0, File-System: ext4, Screen Resolution: 1920x1080

Compiler Notes: --build=aarch64-linux-gnu --disable-libquadmath --disable-libquadmath-support --disable-werror --enable-bootstrap --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-fix-cortex-a53-843419 --enable-gnu-unique-object --enable-languages=c,ada,c++,go,d,fortran,objc,obj-c++ --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-multiarch --enable-nls --enable-plugin --enable-shared --enable-threads=posix --host=aarch64-linux-gnu --program-prefix=aarch64-linux-gnu- --target=aarch64-linux-gnu --with-default-libstdcxx-abi=new --with-gcc-major-version-only -v

Processor Notes: Scaling Governor: tegra_cpufreq schedutil

RS232_UART

Processor: ARMv8 rev 0 @ 1.42GHz (6 Cores), Motherboard: NVIDIA Jetson Xavier NX Developer Kit, Memory: 8GB, Disk: 16GB DG4016, Graphics: NVIDIA Tegra Xavier, Monitor: Acer KG241Q

OS: Ubuntu 18.04, Kernel: 4.9.140-tegra (aarch64), Desktop: Unity 7.5.0, Display Server: X Server 1.19.6, Display Driver: NVIDIA 32.4.4, OpenGL: 4.6.0, Vulkan: 1.2.131, Compiler: GCC 7.5.0, File-System: ext4, Screen Resolution: 1920x1080

Processor Notes: Scaling Governor: tegra_cpufreq schedutil

gpu

Lan

Processor: ARMv8 rev 0 @ 1.42GHz (6 Cores), Motherboard: NVIDIA Jetson Xavier NX Developer Kit, Memory: 8GB, Disk: 16GB DG4016, Graphics: NVIDIA Tegra Xavier, Monitor: LG Ultra HD

OS: Ubuntu 18.04, Kernel: 4.9.140-tegra (aarch64), Desktop: Unity 7.5.0, Display Server: X Server 1.19.6, Display Driver: NVIDIA 32.4.4, OpenGL: 4.6.0, Vulkan: 1.2.131, Compiler: GCC 7.5.0, File-System: ext4, Screen Resolution: 3840x2160

Compiler Notes: --build=aarch64-linux-gnu --disable-libquadmath --disable-libquadmath-support --disable-werror --enable-bootstrap --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-fix-cortex-a53-843419 --enable-gnu-unique-object --enable-languages=c,ada,c++,go,d,fortran,objc,obj-c++ --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-multiarch --enable-nls --enable-plugin --enable-shared --enable-threads=posix --host=aarch64-linux-gnu --program-prefix=aarch64-linux-gnu- --target=aarch64-linux-gnu --with-default-libstdcxx-abi=new --with-gcc-major-version-only -v
Processor Notes: Scaling Governor: tegra_cpufreq schedutil

Wlan

Processor: ARMv8 rev 0 @ 1.42GHz (6 Cores), Motherboard: NVIDIA Jetson Xavier NX Developer Kit, Memory: 8GB, Disk: 16GB DG4016, Graphics: NVIDIA Tegra Xavier, Monitor: ASUS VN248, Network: Intel 8265 / 8275

OS: Ubuntu 18.04, Kernel: 4.9.140-tegra (aarch64), Desktop: Unity 7.5.0, Display Server: X Server 1.19.6, Display Driver: NVIDIA 32.4.4, OpenGL: 4.6.0, Vulkan: 1.2.131, Compiler: GCC 7.5.0, File-System: ext4, Screen Resolution: 1920x1080

Compiler Notes: --build=aarch64-linux-gnu --disable-libquadmath --disable-libquadmath-support --disable-werror --enable-bootstrap --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-fix-cortex-a53-843419 --enable-gnu-unique-object --enable-languages=c,ada,c++,go,d,fortran,objc,obj-c++ --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-multiarch --enable-nls --enable-plugin --enable-shared --enable-threads=posix --host=aarch64-linux-gnu --program-prefix=aarch64-linux-gnu- --target=aarch64-linux-gnu --with-default-libstdcxx-abi=new --with-gcc-major-version-only -v
Processor Notes: Scaling Governor: tegra_cpufreq schedutil

USB2.0

USB2.0_W

Processor: ARMv8 rev 0 @ 1.42GHz (6 Cores), Motherboard: NVIDIA Jetson Xavier NX Developer Kit, Memory: 8GB, Disk: 8GB FLASH DRIVE + 16GB DG4016, Graphics: NVIDIA Tegra Xavier, Monitor: Acer KG241Q

OS: Ubuntu 18.04, Kernel: 4.9.140-tegra (aarch64), Desktop: Unity 7.5.0, Display Server: X Server 1.19.6, Display Driver: NVIDIA 32.4.4, OpenGL: 4.6.0, Vulkan: 1.2.131, Compiler: GCC 7.5.0, File-System: ext4, Screen Resolution: 1920x1080

Compiler Notes: --build=aarch64-linux-gnu --disable-libquadmath --disable-libquadmath-support --disable-werror --enable-bootstrap --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-fix-cortex-a53-843419 --enable-gnu-unique-object --enable-languages=c,ada,c++,go,d,fortran,objc,obj-c++ --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-multiarch --enable-nls --enable-plugin --enable-shared --enable-threads=posix --host=aarch64-linux-gnu --program-prefix=aarch64-linux-gnu- --target=aarch64-linux-gnu --with-default-libstdcxx-abi=new --with-gcc-major-version-only -v
Disk Notes: CFQ / data=ordered,relatime,rw
Processor Notes: Scaling Governor: tegra_cpufreq schedutil

cuda

Processor: ARMv8 rev 0 @ 1.42GHz (6 Cores), Motherboard: NVIDIA Jetson Xavier NX Developer Kit, Memory: 8GB, Disk: 16GB DG4016 + 31GB SD32G, Graphics: NVIDIA Tegra Xavier, Monitor: LG Ultra HD

OS: Ubuntu 18.04, Kernel: 4.9.140-tegra (aarch64), Desktop: Unity 7.5.0, Display Server: X Server 1.19.6, Display Driver: NVIDIA 32.4.4, OpenGL: 4.6.0, Vulkan: 1.2.131, Compiler: GCC 7.5.0, File-System: ext4, Screen Resolution: 5760x2160

Compiler Notes: --build=aarch64-linux-gnu --disable-libquadmath --disable-libquadmath-support --disable-werror --enable-bootstrap --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-fix-cortex-a53-843419 --enable-gnu-unique-object --enable-languages=c,ada,c++,go,d,fortran,objc,obj-c++ --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-multiarch --enable-nls --enable-plugin --enable-shared --enable-threads=posix --host=aarch64-linux-gnu --program-prefix=aarch64-linux-gnu- --target=aarch64-linux-gnu --with-default-libstdcxx-abi=new --with-gcc-major-version-only -v
Processor Notes: Scaling Governor: tegra_cpufreq schedutil

NVIDIA Tegra Xavier

Processor: ARMv8 rev 0 @ 1.42GHz (6 Cores), Motherboard: NVIDIA Jetson Xavier NX Developer Kit, Memory: 8GB, Disk: 16GB DG4016 + 31GB SD32G, Graphics: NVIDIA Tegra Xavier, Monitor: ASUS VN248

OS: Ubuntu 18.04, Kernel: 4.9.140-tegra (aarch64), Desktop: Unity 7.5.0, Display Server: X Server 1.19.6, Display Driver: NVIDIA 32.4.4, OpenGL: 4.6.0, Vulkan: 1.2.131, Compiler: GCC 7.5.0 + CUDA 10.2, File-System: ext4, Screen Resolution: 1920x1080

Compiler Notes: --build=aarch64-linux-gnu --disable-libquadmath --disable-libquadmath-support --disable-werror --enable-bootstrap --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-fix-cortex-a53-843419 --enable-gnu-unique-object --enable-languages=c,ada,c++,go,d,fortran,objc,obj-c++ --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-multiarch --enable-nls --enable-plugin --enable-shared --enable-threads=posix --host=aarch64-linux-gnu --program-prefix=aarch64-linux-gnu- --target=aarch64-linux-gnu --with-default-libstdcxx-abi=new --with-gcc-major-version-only -v
Processor Notes: Scaling Governor: tegra_cpufreq schedutil

CUDA test

Processor: ARMv8 rev 0 @ 1.42GHz (6 Cores), Motherboard: NVIDIA Jetson Xavier NX Developer Kit, Memory: 8GB, Disk: 16GB DG4016, Graphics: NVIDIA Tegra Xavier, Monitor: ASUS VN248

OS: Ubuntu 18.04, Kernel: 4.9.140-tegra (aarch64), Desktop: Unity 7.5.0, Display Server: X Server 1.19.6, Display Driver: NVIDIA 32.4.4, OpenGL: 4.6.0, Vulkan: 1.2.131, Compiler: GCC 7.5.0 + CUDA 10.2, File-System: ext4, Screen Resolution: 1920x1080

Compiler Notes: --build=aarch64-linux-gnu --disable-libquadmath --disable-libquadmath-support --disable-werror --enable-bootstrap --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-fix-cortex-a53-843419 --enable-gnu-unique-object --enable-languages=c,ada,c++,go,d,fortran,objc,obj-c++ --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-multiarch --enable-nls --enable-plugin --enable-shared --enable-threads=posix --host=aarch64-linux-gnu --program-prefix=aarch64-linux-gnu- --target=aarch64-linux-gnu --with-default-libstdcxx-abi=new --with-gcc-major-version-only -v
Processor Notes: Scaling Governor: tegra_cpufreq schedutil

R32_4_4_Xavier-NX_AN110_Camera_IMX290_Dual_1

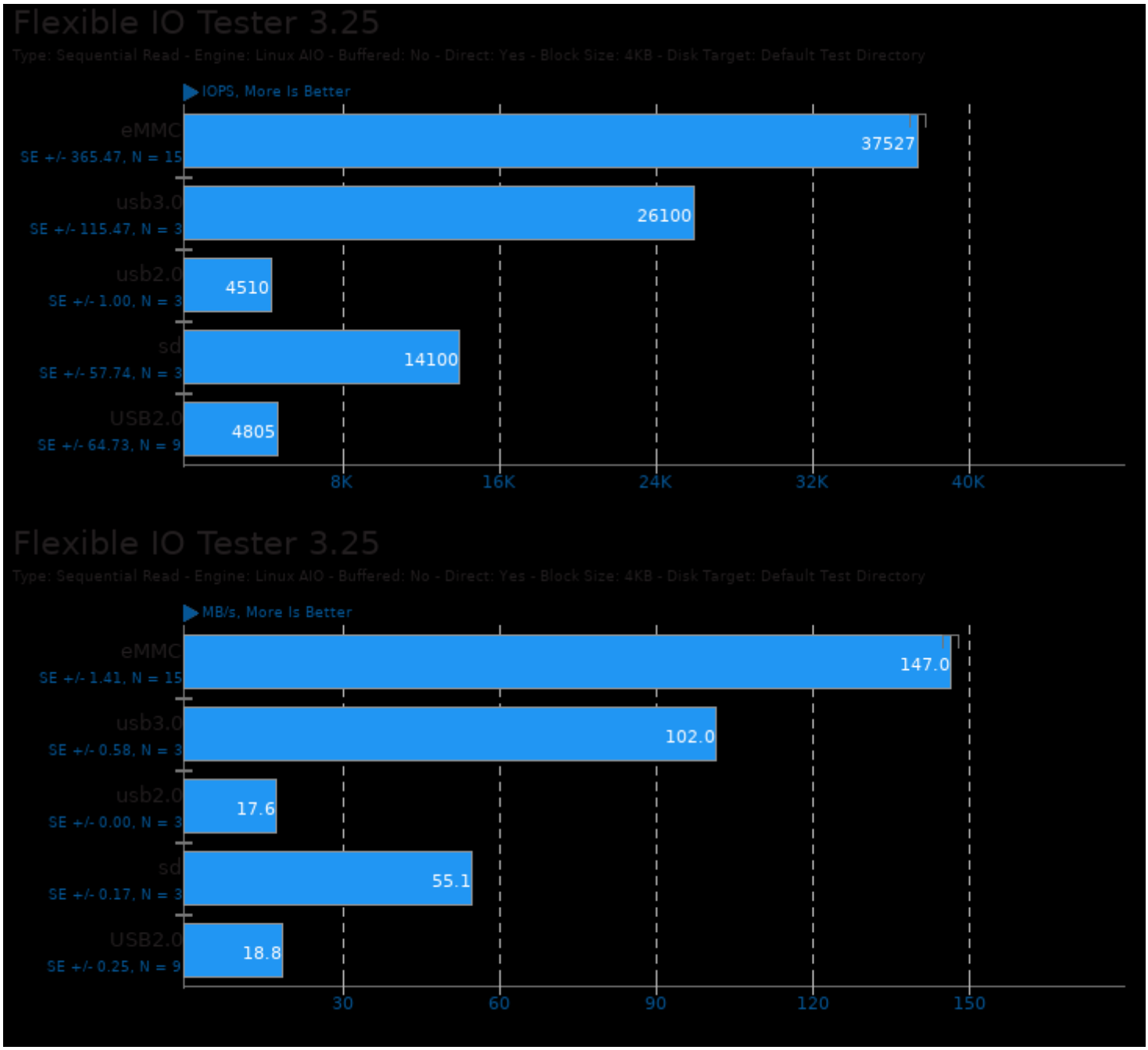
	eMMC	eMMC_W	usb3.0	usb3.0_w	usb2.0	sd	sd_w	Memory	cpu	RS232_UART	gpu	Lan	Wlan	USB 2.0	USB 2.0_W	cuda	NVIDIA Tegra Xavier	CUDA test
Flexible IO Tester - Seq Read - Linux AIO - No - Yes - 4KB (IOPS)	37527		26100		4510	14100								4805				
Normalized	100%		69.55%		12.02%	37.57%								12.8%				
Standard Deviation	3.8%		0.8%		0%	0.7%								4%				
Flexible IO Tester - Seq Read - Linux AIO - No - Yes - 4KB (MB/s)	147		102		17.6	55.1								18.8				
Normalized	100%		69.39%		11.97%	37.48%								12.79%				
Standard Deviation	3.7%		1%		0%	0.5%								4%				
Flexible IO Tester - Seq Read - Linux AIO - No - Yes - 8MB (IOPS)	35		17			9								2				
Normalized	100%		48.57%			25.71%								5.71%				
Standard Deviation	4.4%																	
Flexible IO Tester - Seq Read - Linux AIO - No - Yes - 8MB (MB/s)	305		163			102								43.4				
Normalized	100%		53.44%			33.44%								14.23%				
Standard Deviation	3%					1%								0.1%				

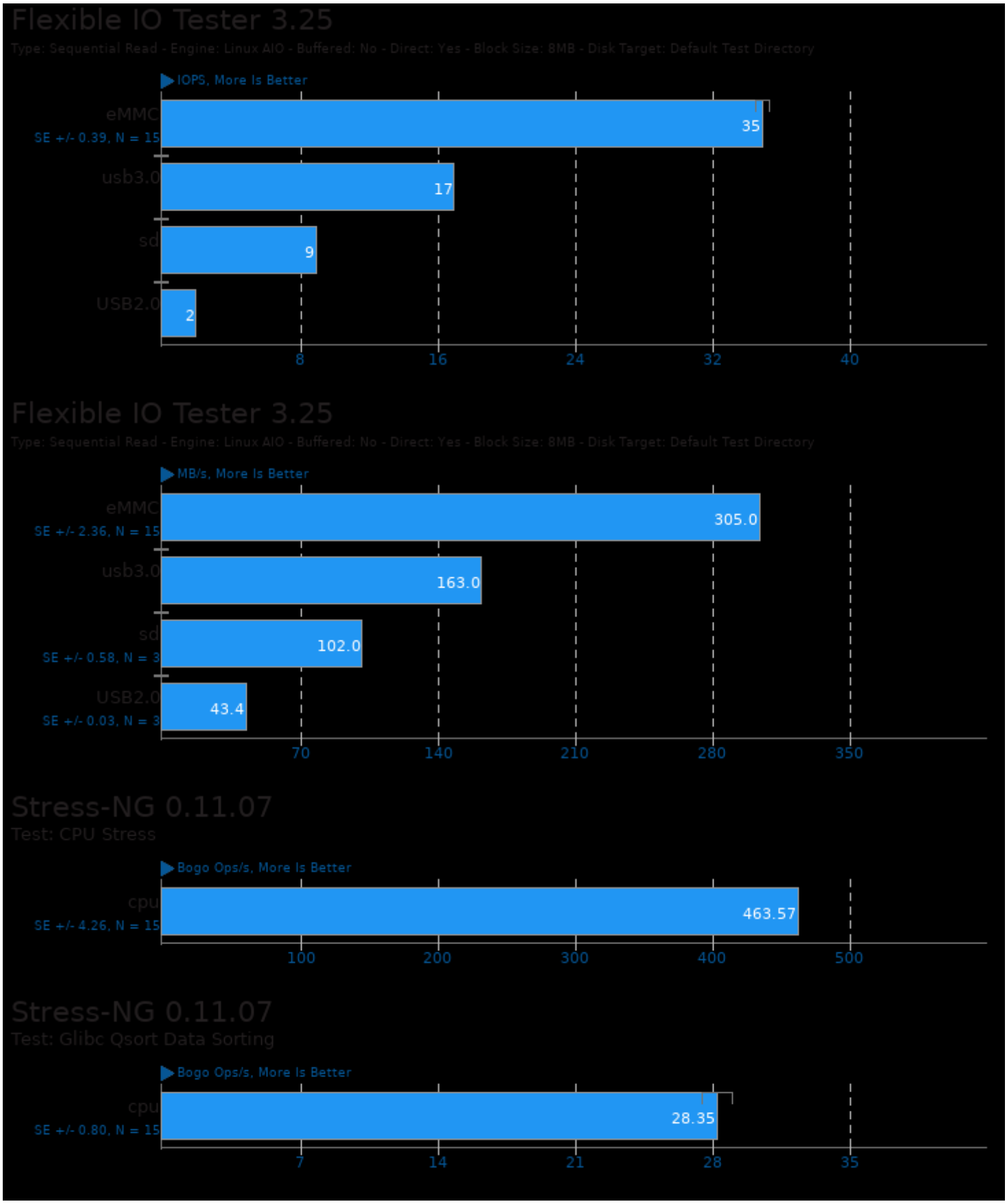
Stress-NG - CPU Stress (Bogo Ops/s)	463.5	
Standard Deviation	7	
	3.6%	
Stress-NG - G.Q.D.S (Bogo Ops/s)	28.35	
Standard Deviation	10.9%	
Stress-NG - G.C.S.F (Bogo Ops/s)	1203	
Standard Deviation	11	
	3.9%	
CUDA Mini-Nbody - Original ((NBody^2)/s)		32.860
Standard Deviation		0.1%
CUDA Mini-Nbody - Loop Unrolling ((NBody^2)/s)		34.092
Standard Deviation		0.1%
CUDA Mini-Nbody - SOA Data Layout ((NBody^2)/s)		33.635
Standard Deviation		0%
CUDA Mini-Nbody - F.D.T.Z ((NBody^2)/s)		33.646
Standard Deviation		0%

CUDA Mini-Nbody - Cache Blocking ((NBody^2)/s)						33.750
Standard Deviation						0.2%
GLmark2 - 800 x 600 (Score)				4359		
GLmark2 - 3840 x 2160 (Score)				551		
GLmark2 - 1024 x 768 (Score)				3318		
GLmark2 - 2560 x 1440 (Score)				1137		
GLmark2 - 1280 x 1024 (Score)				2320		
GLmark2 - 1600 x 1200 (Score)				1813		
GLmark2 - 1920 x 1080 (Score)				1787		
GLmark2 - 1920 x 1200 (Score)				1634		
Flexible IO Tester - Seq Write - Linux AIO - No - Yes - 8MB (MB/s)	**92.9**	33.9	57.6		**27.5**	
Normalized	100%	36.49%	62%		29.6%	
Standard Deviation	4.7%	1.7%	1.5%		1.3%	

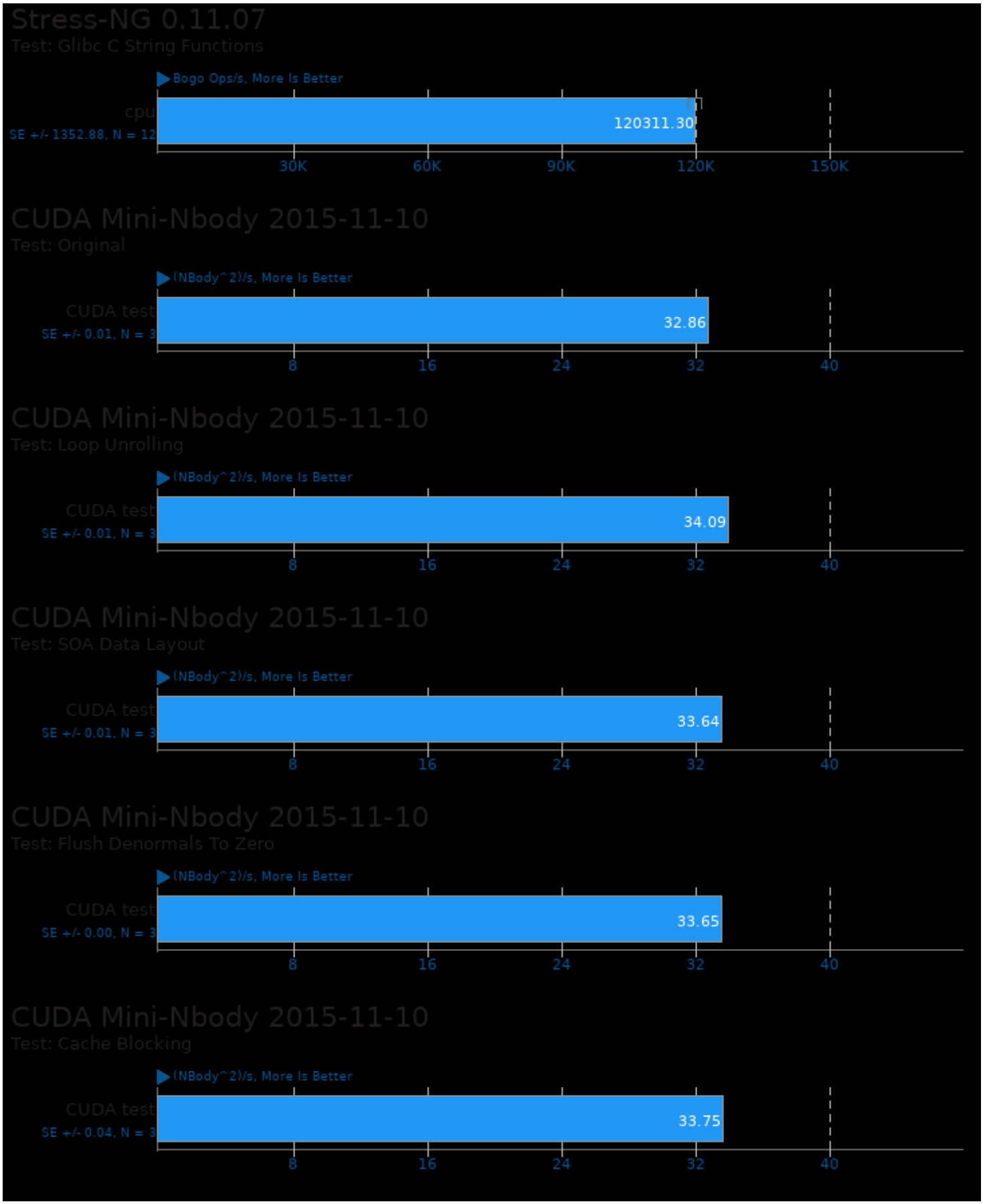
Flexible IO Tester - Seq Write - Linux AIO - No - Yes - 4KB (IOPS)	**17860**	4855	3812					**1551**
Normalized	100%	27.18%	21.34%					8.68%
Standard Deviation	6.6%	36.3%	2.6%					2.9%
Flexible IO Tester - Seq Write - Linux AIO - No - Yes - 4KB (MB/s)	**69.9**	18.8	14.9					**6.217**
Normalized	100%	26.9%	21.32%					8.89%
Standard Deviation	6.5%	36.6%	2.3%					2.9%
Flexible IO Tester - Seq Write - Linux AIO - No - Yes - 8MB (IOPS)	**8**	**1**	4					
Normalized	100%	12.5%	50%					
Standard Deviation	7.9%	43.3%						
Stream - Copy				2975.9				
Standard Deviation				1.1%				
iPerf - 192.168.1.2 - 5201 - 10 Seconds - UDP - 1000Mbit Objective - 1 (Mbits/s)						**941**	**127**	
Normalized						100%	13.5%	
Standard Deviation						0.3%	6.5%	
Stress-NG - Crypto (Bogo Ops/s)					596.84			
Standard Deviation					1.5%			

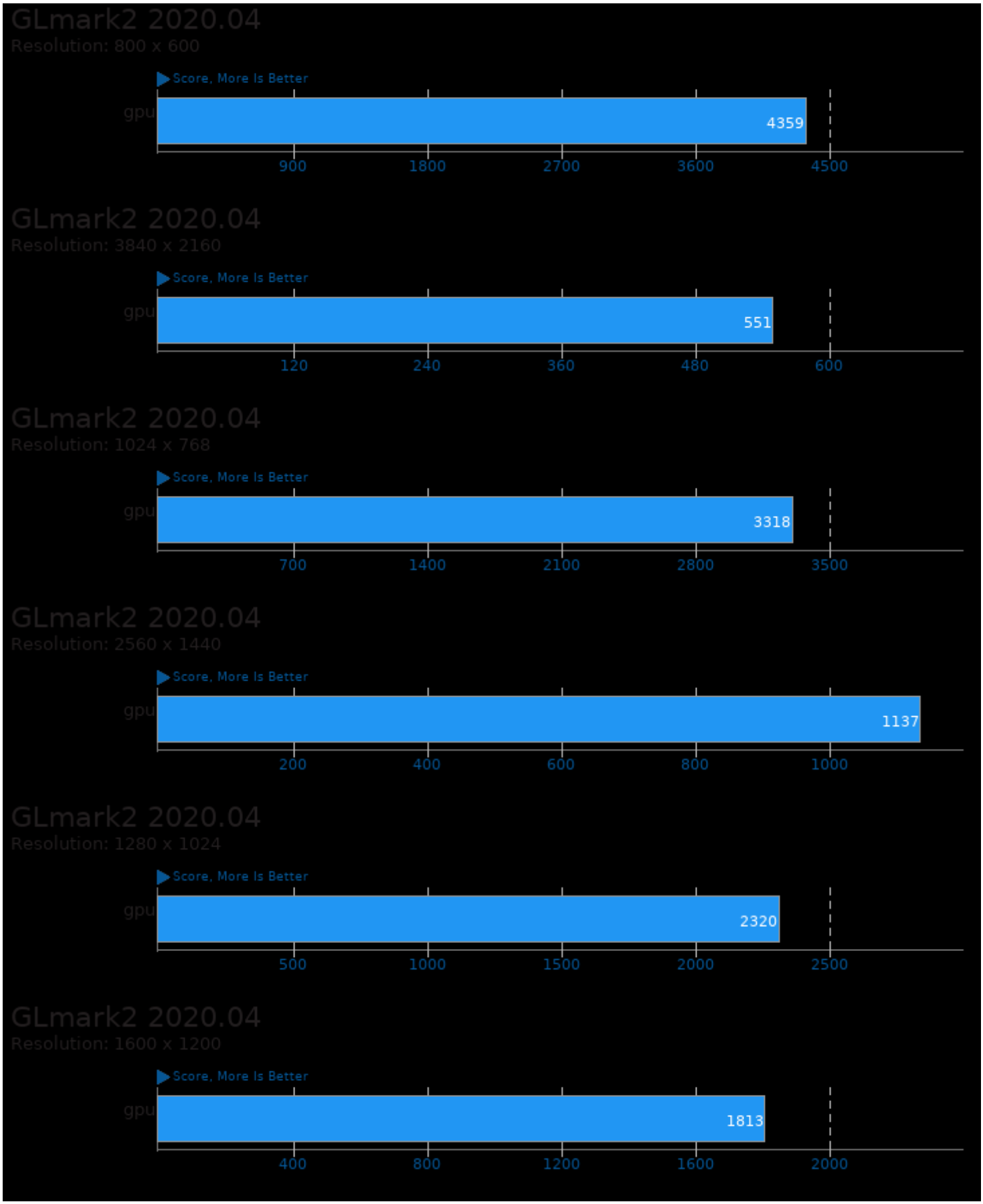
Stress-NG - Memory Copying (Bogo Ops/s)		1841			
Standard Deviation		0.2%			
Stress-NG - Vector Math (Bogo Ops/s)		2547			
		9			
Standard Deviation		0.3%			
Stress-NG - Matrix Math (Bogo Ops/s)		6698			
Standard Deviation		0.6%			
Stress-NG - Forking (Bogo Ops/s)		4092			
Standard Deviation		1.2%			
iPerf - 192.168.1.2 - 5201 - 10 Seconds - UDP - 100Mbit Objective - 1 (Mbits/s)				100	100
Stream - Add (MB/s)	2859				
	1				
Standard Deviation	1.3%				
Stream - Triad	2893				
	4				
Standard Deviation	1.1%				
Stream - Scale (MB/s)	2945				
	6				
Standard Deviation	2.4%				


Flexible IO Tester 3.25
Type: Sequential Read - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 4KB - Disk Target: Default Test Directory
IOPS, More Is Better
eMMC
SE +/- 365.47, N = 15
37527
usb3.0
SE +/- 115.47, N = 3
26100
usb2.0
SE +/- 1.00, N = 3
4510
sd
SE +/- 57.74, N = 3
14100
USB2.0
SE +/- 64.73, N = 9
4805
8K
16K
24K
32K
40K
Flexible IO Tester 3.25
Type: Sequential Read - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 4KB - Disk Target: Default Test Directory
MB/s, More Is Better
eMMC
SE +/- 1.41, N = 15
147.0
usb3.0
SE +/- 0.58, N = 3
102.0
usb2.0
SE +/- 0.00, N = 3
17.6
sd
SE +/- 0.17, N = 3
55.1
USB2.0
SE +/- 0.25, N = 9
18.8
30
60
90
120
150

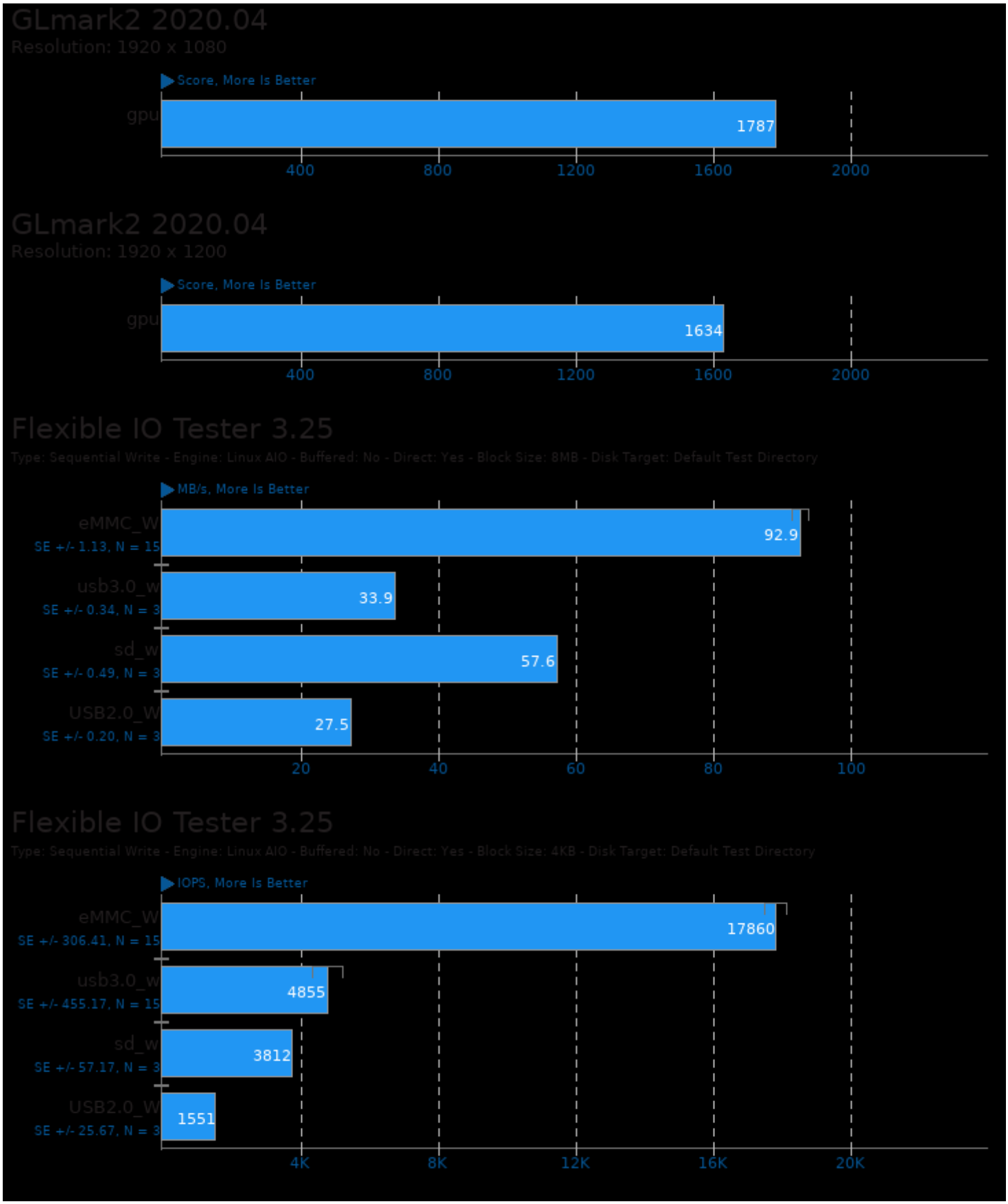

Flexible IO Tester 3.25
Type: Sequential Read - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 8MB - Disk Target: Default Test Directory
IOPS, More Is Better
eMMC
SE +/- 0.39, N = 15
35
usb3.0
17
sd
9
USB2.0
2
8
16
24
32
40
Flexible IO Tester 3.25
Type: Sequential Read - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 8MB - Disk Target: Default Test Directory
MB/s, More Is Better
eMMC
SE +/- 2.36, N = 15
305.0
usb3.0
163.0
sd
SE +/- 0.58, N = 3
102.0
USB2.0
SE +/- 0.03, N = 3
43.4
70
140
210
280
350
Stress-NG 0.11.07
Test: CPU Stress
Bogo Ops/s, More Is Better
cpu
SE +/- 4.26, N = 15
463.57
100
200
300
400
500
Stress-NG 0.11.07
Test: Glibc Qsort Data Sorting
Bogo Ops/s, More Is Better
cpu
SE +/- 0.80, N = 15
28.35
7
14
21
28
35

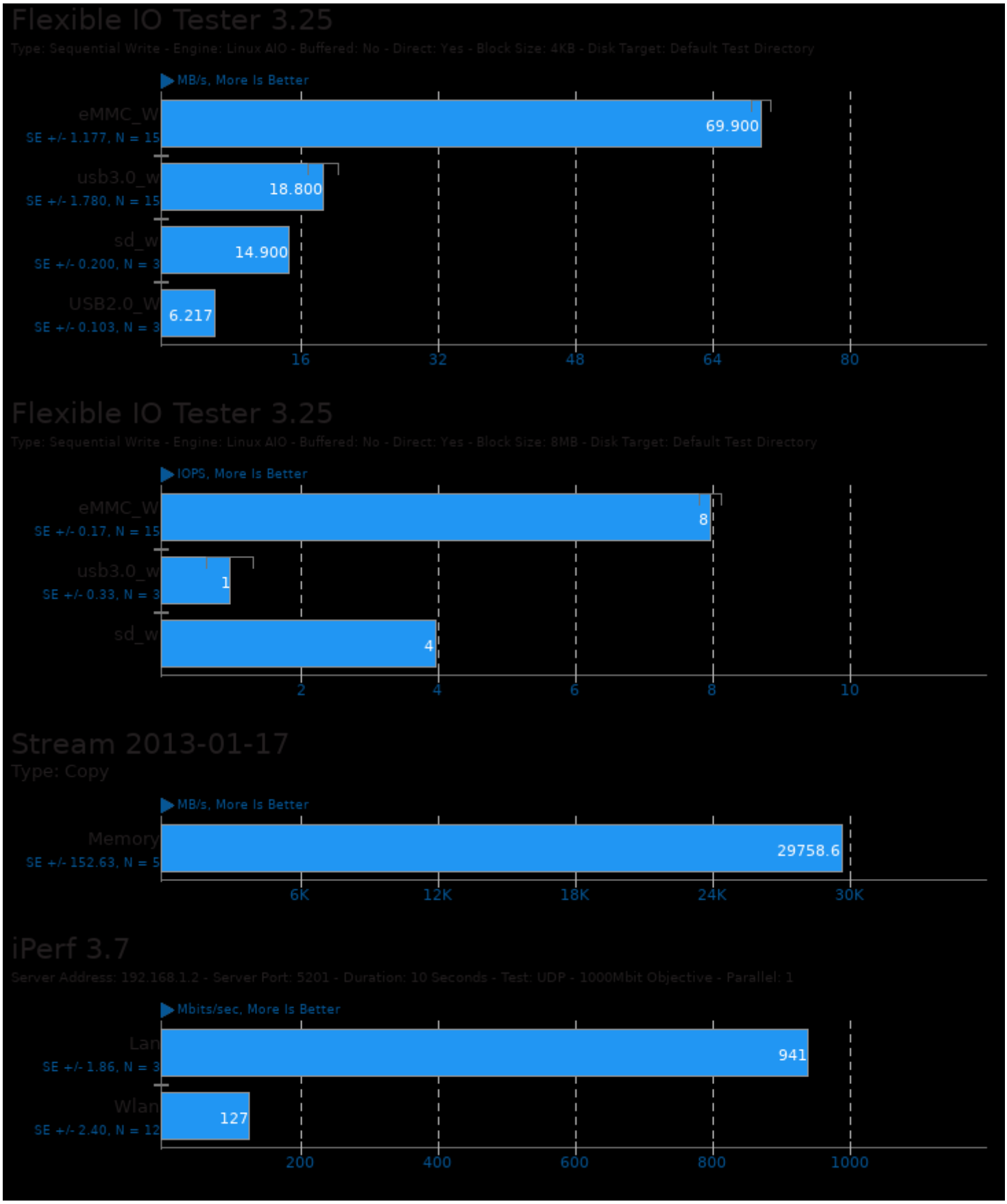
R32_4_4_Xavier-NX_AN110_Camera_IMX290_Dual_1



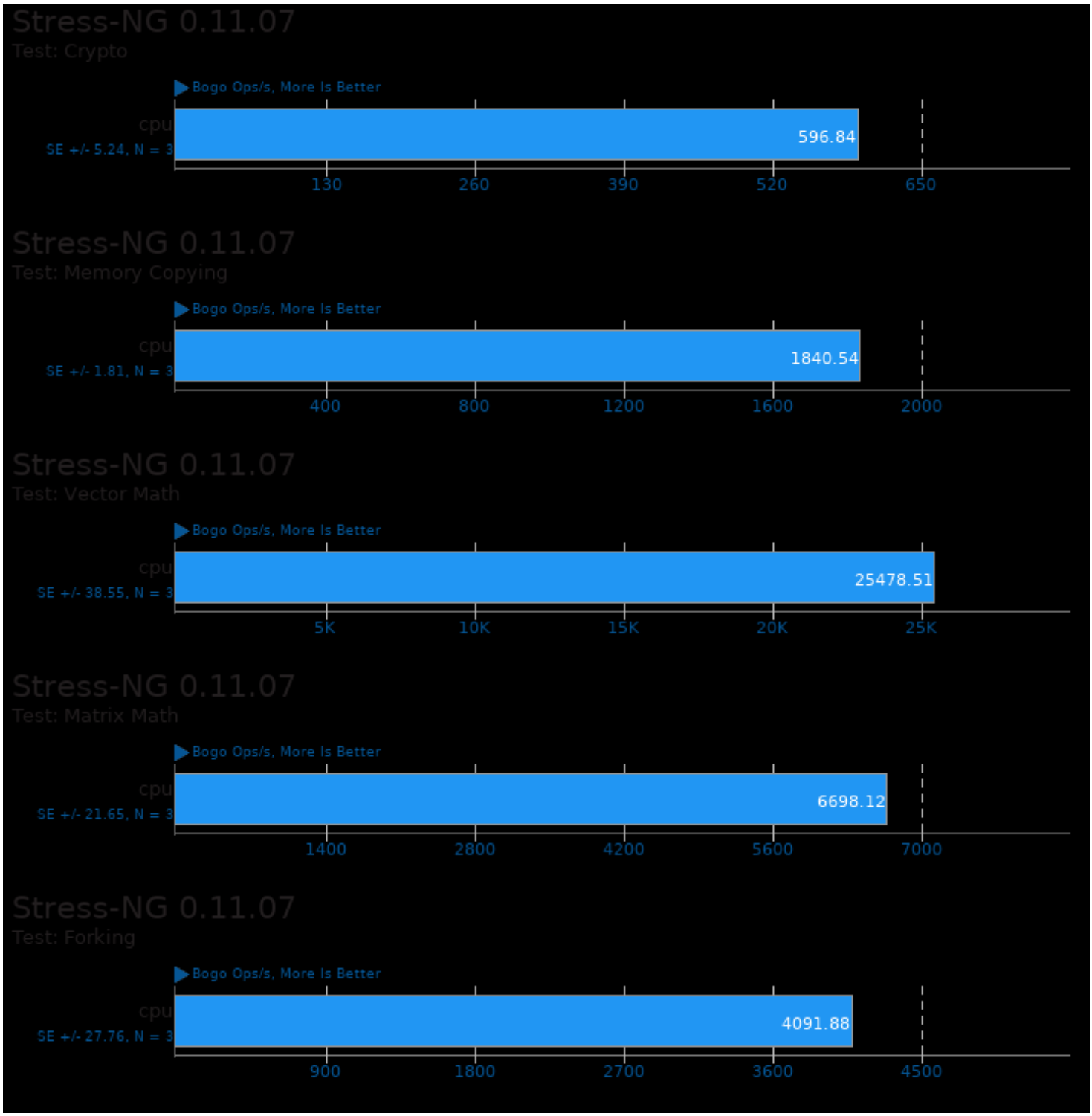

GLmark2 2020.04
Resolution: 800 x 600
Score, More Is Better
gpu
4359
900
1800
2700
3600
4500
GLmark2 2020.04
Resolution: 3840 x 2160
Score, More Is Better
gpu
551
120
240
360
480
600
GLmark2 2020.04
Resolution: 1024 x 768
Score, More Is Better
gpu
3318
700
1400
2100
2800
3500
GLmark2 2020.04
Resolution: 2560 x 1440
Score, More Is Better
gpu
1137
200
400
600
800
1000
GLmark2 2020.04
Resolution: 1280 x 1024
Score, More Is Better
gpu
2320
500
1000
1500
2000
2500
GLmark2 2020.04
Resolution: 1600 x 1200
Score, More Is Better
gpu
1813
400
800
1200
1600
2000

R32_4_4_Xavier-NX_AN110_Camera_IMX290_Dual_1

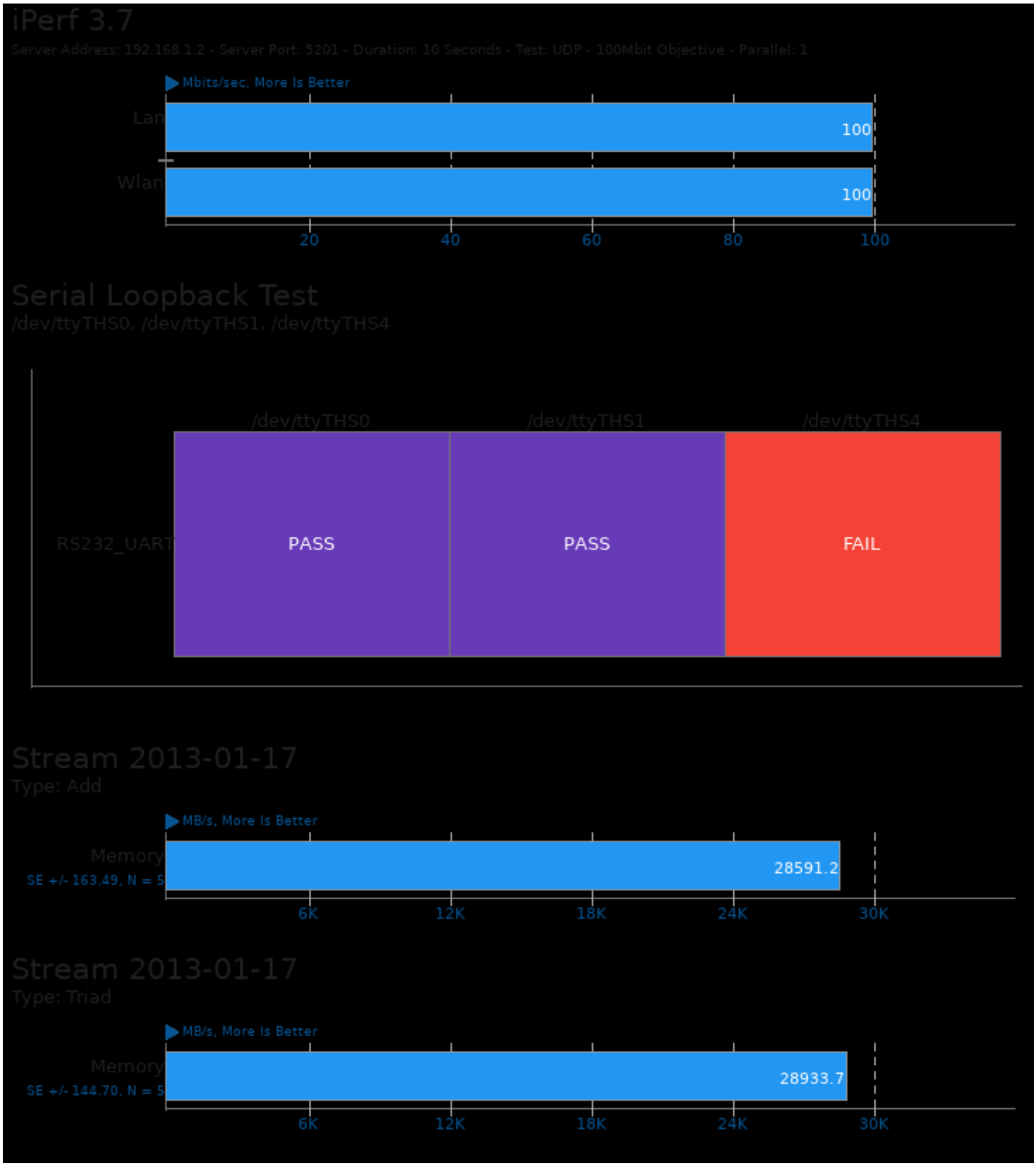



Flexible IO Tester 3.25
Type: Sequential Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 4KB - Disk Target: Default Test Directory
MB/s, More Is Better
eMMC_W
SE +/- 1.177, N = 15
69.900
usb3.0_w
SE +/- 1.780, N = 15
18.800
sd_w
SE +/- 0.200, N = 3
14.900
USB2.0_W
SE +/- 0.103, N = 3
6.217
16
32
48
64
80
Flexible IO Tester 3.25
Type: Sequential Write - Engine: Linux AIO - Buffered: No - Direct: Yes - Block Size: 8MB - Disk Target: Default Test Directory
IOPS, More Is Better
eMMC_W
SE +/- 0.17, N = 15
8
usb3.0_w
SE +/- 0.33, N = 3
1
sd_w
4
2
4
6
8
10
Stream 2013-01-17
Type: Copy
MB/s, More Is Better
Memory
SE +/- 152.63, N = 5
29758.6
6K
12K
18K
24K
30K
iPerf 3.7
Server Address: 192.168.1.2 - Server Port: 5201 - Duration: 10 Seconds - Test: UDP - 1000Mbit Objective - Parallel: 1
Mbits/sec, More Is Better
Lan
SE +/- 1.86, N = 3
941
Wlan
SE +/- 2.40, N = 12
127
200
400
600
800
1000

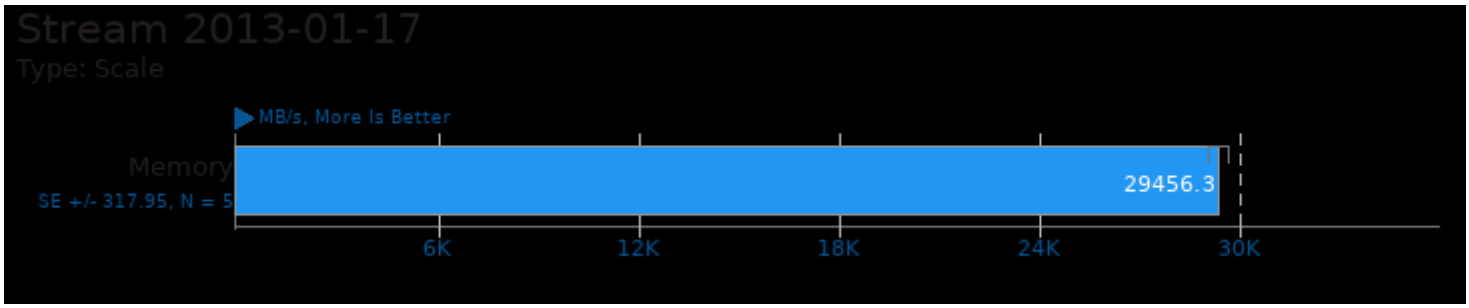
R32_4_4_Xavier-NX_AN110_Camera_IMX290_Dual_1



R32_4_4_Xavier-NX_AN110_Camera_IMX290_Dual_1



R32_4_4_Xavier-NX_AN110_Camera_IMX290_Dual_1



This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 20:37.