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sample8-twaanl390008-gpu

Intel Celeron J3455 testing with a Digivalet D18 (D182G02R BIOS) and Intel HD 500 APL 2 3GB on Ubuntu 20.04 via the Phoronix Test Suite.

Test Systems:

SAMPLE8-TWAANL390008-GPU

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Processor: Intel Celeron J3455 @ 2.30GHz (4 Cores), Motherboard: Digivalet D18 (D182G02R BIOS), Chipset: Intel Celeron N3350/Pentium, Memory: 8GB, Disk: 16GB DG4016, Graphics: Intel HD 500 APL 2 3GB (750MHz), Audio: Realtek ALC269VC, Monitor: DENON-AVR, Network: 3 x Intel I350 + Qualcomm Atheros QCA6174 802.11ac

OS: Ubuntu 20.04, Kernel: 5.4.53-uhdgen (x86_64), Desktop: Openbox 3.6.1, Display Server: X Server 1.20.8, OpenGL: 4.6 Mesa 20.0.8, Compiler: GCC 9.3.0, File-System: ext4, Screen Resolution: 3840x2160

Kernel Notes: drm.edid_firmware=DP-1:edid/edid.bin - Transparent Huge Pages: madvise
Processor Notes: Scaling Governor: intel_pstate powersave - CPU Microcode: 0x1e

Graphics Notes: SNA
Security Notes: itlb_multihit: Not affected + l1tf: Not affected + mds: Not affected + meltdown: Not affected + spec_store_bypass: Mitigation of SSB disabled via prctl and seccomp + spectre_v1: Mitigation of usercopy/swapgs barriers and __user pointer sanitization + spectre_v2: Mitigation of Full generic retpoline IBPB: conditional IBRS_FW STIBP: disabled RSB filling + srbds: Not affected + tsx_async_abort: Not affected

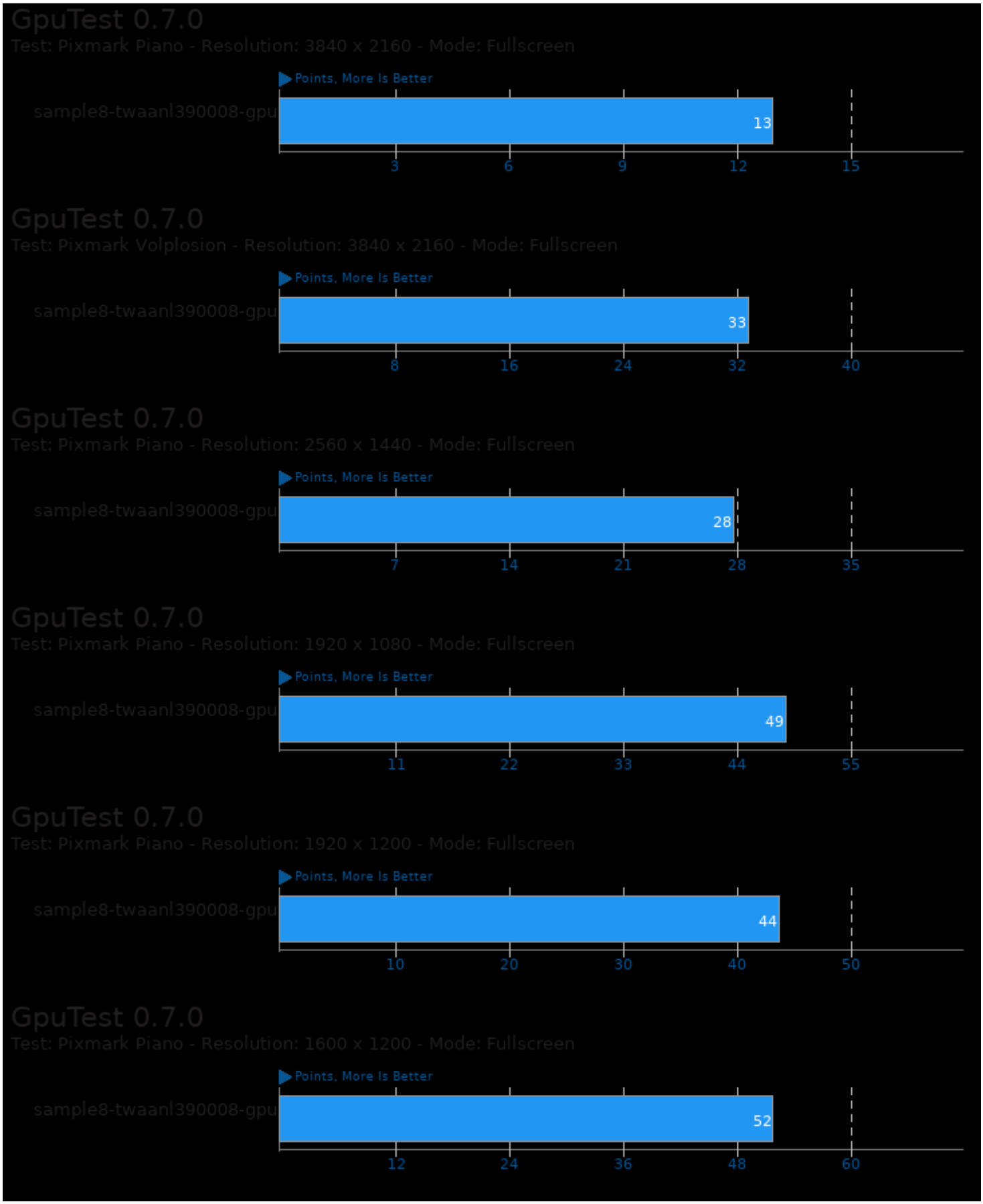
	SAMPLE8-TWAANL390008-GPU	sample8-twaanl390008-gpu
GpuTest - Pixmark Piano - 3840 x 2160 - Fullscreen (Points)		13
GpuTest - Pixmark Volplosion - 3840 x 2160 - Fullscreen (Points)		33
GpuTest - Pixmark Piano - 2560 x 1440 - Fullscreen (Points)		28
GpuTest - Pixmark Piano - 1920 x 1080 - Fullscreen (Points)		49
GpuTest - Pixmark Piano - 1920 x 1200 - Fullscreen (Points)		44
GpuTest - Pixmark Piano - 1600 x 1200 - Fullscreen (Points)		52
GpuTest - Pixmark Volplosion - 2560 x 1440 - Fullscreen (Points)		73
GpuTest - Pixmark Piano - 1280 x 1024 - Fullscreen (Points)		76
GpuTest - Furmark - 3840 x 2160 - Fullscreen (Points)		85
Standard Deviation		0.7%
GpuTest - Pixmark Volplosion - 1920 x 1080 - Fullscreen (Points)		128
GpuTest - Pixmark Volplosion - 1920 x 1200 - Fullscreen (Points)		115
GpuTest - Pixmark Piano - 1024 x 768 - Fullscreen (Points)		125
GpuTest - Furmark - 2560 x 1440 - Fullscreen (Points)		172
GpuTest - Pixmark Piano - 800 x 600 - Fullscreen		202
GpuTest - Furmark - 1920 x 1200 - Fullscreen (Points)		231
Standard Deviation		0.4%
GpuTest - Furmark - 1600 x 1200 - Fullscreen (Points)		237
GpuTest - GiMark - 800 x 600 - Fullscreen (Points)	696	700
Normalized	99.43%	100%
Standard Deviation	0.2%	
GpuTest - Pixmark Volplosion - 1600 x 1200 - Fullscreen (Points)		135
GpuTest - Triangle - 1920 x 1080 - Fullscreen (Points)		19700
Standard Deviation		0.3%
GpuTest - Triangle - 2560 x 1440 - Fullscreen (Points)		12407
Standard Deviation		0.6%
GpuTest - Triangle - 1600 x 1200 - Fullscreen (Points)		19325
Standard Deviation		0.4%

GpuTest - Triangle - 1280 x 1024 - Fullscreen (Points)		27418
Standard Deviation		0.3%
GpuTest - Triangle - 1024 x 768 - Fullscreen (Points)		40659
Standard Deviation		0.1%
GpuTest - Furmark - 1920 x 1080 - Fullscreen (Points)		273
Standard Deviation		0.8%
GpuTest - GiMark - 3840 x 2160 - Fullscreen (Points)		290
GpuTest - Triangle - 3840 x 2160 - Fullscreen (Points)		6392
Standard Deviation		0.3%
GpuTest - Triangle - 1920 x 1200 - Fullscreen (Points)		17597
Standard Deviation		0.3%
GpuTest - Triangle - 800 x 600 - Fullscreen (Points)		58570
Standard Deviation		0.1%
GpuTest - GiMark - 1024 x 768 - Fullscreen (Points)		649
GpuTest - Pixmark Volplosion - 800 x 600 - Fullscreen (Points)		521
GpuTest - Plot3D - 1600 x 1200 - Fullscreen (Points)		4218
Standard Deviation		0.2%
GpuTest - GiMark - 2560 x 1440 - Fullscreen (Points)		419
GpuTest - Plot3D - 800 x 600 - Fullscreen (Points)	**5301**	**5404**
Normalized	98.09%	100%
Standard Deviation	2.2%	0.1%
GpuTest - Plot3D - 1920 x 1080 - Fullscreen (Points)		4125
Standard Deviation		0.3%
GpuTest - Pixmark Volplosion - 1280 x 1024 - Fullscreen (Points)		196
GpuTest - TessMark - 1920 x 1200 - Fullscreen		729
GpuTest - TessMark - 1600 x 1200 - Fullscreen		736
GpuTest - TessMark - 800 x 600 - Fullscreen (Points)		967
GpuTest - Plot3D - 1920 x 1200 - Fullscreen (Points)		4001
Standard Deviation		0%
GpuTest - Plot3D - 1280 x 1024 - Fullscreen (Points)		4763
Standard Deviation		0.2%
GpuTest - GiMark - 1920 x 1200 - Fullscreen (Points)		496
Standard Deviation		0.6%
GpuTest - TessMark - 3840 x 2160 - Fullscreen		455
Standard Deviation		0.1%
GpuTest - TessMark - 2560 x 1440 - Fullscreen		644
GpuTest - TessMark - 1280 x 1024 - Fullscreen		803
GpuTest - TessMark - 1024 x 768 - Fullscreen (Points)		902
GpuTest - Pixmark Volplosion - 1024 x 768 - Fullscreen (Points)		324
GpuTest - Furmark - 1280 x 1024 - Fullscreen (Points)		300
Standard Deviation		0.3%
GpuTest - TessMark - 1920 x 1080 - Fullscreen		769
Standard Deviation		0.1%
GpuTest - Plot3D - 3840 x 2160 - Fullscreen (Points)		2376
Standard Deviation		0.6%
GpuTest - Plot3D - 2560 x 1440 - Fullscreen (Points)		3450
Standard Deviation		1.3%
GpuTest - GiMark - 1920 x 1080 - Fullscreen (Points)		516

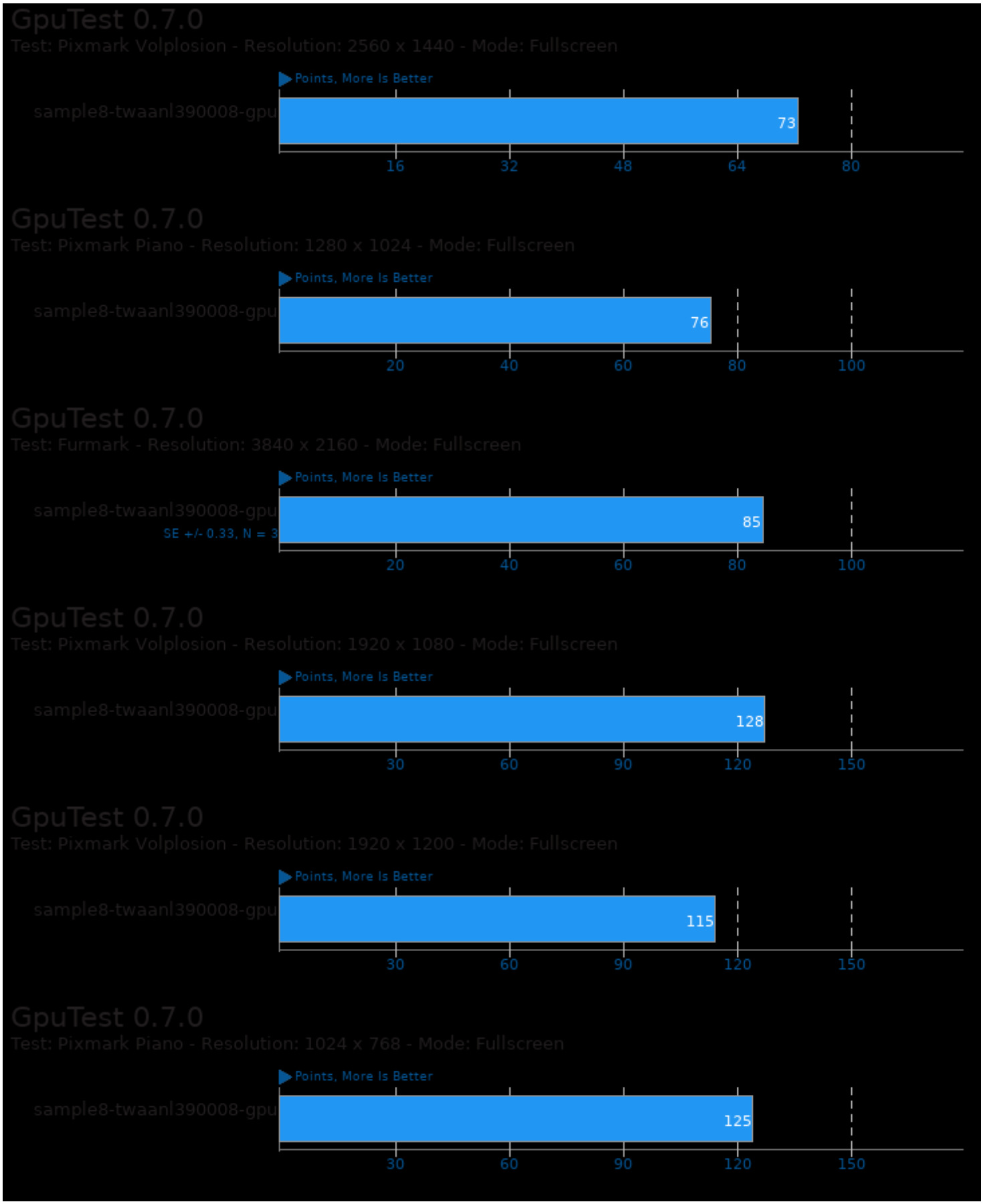
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GpuTest - GiMark - 1600 x 1200 - Fullscreen (Points)	521
GpuTest - GiMark - 1280 x 1024 - Fullscreen (Points)	581
GpuTest - Furmark - 1024 x 768 - Fullscreen (Points)	446
GpuTest - Furmark - 800 x 600 - Fullscreen (Points)	593
Standard Deviation	0.1%
GpuTest - Plot3D - 1024 x 768 - Fullscreen (Points)	5123
Standard Deviation	0.1%

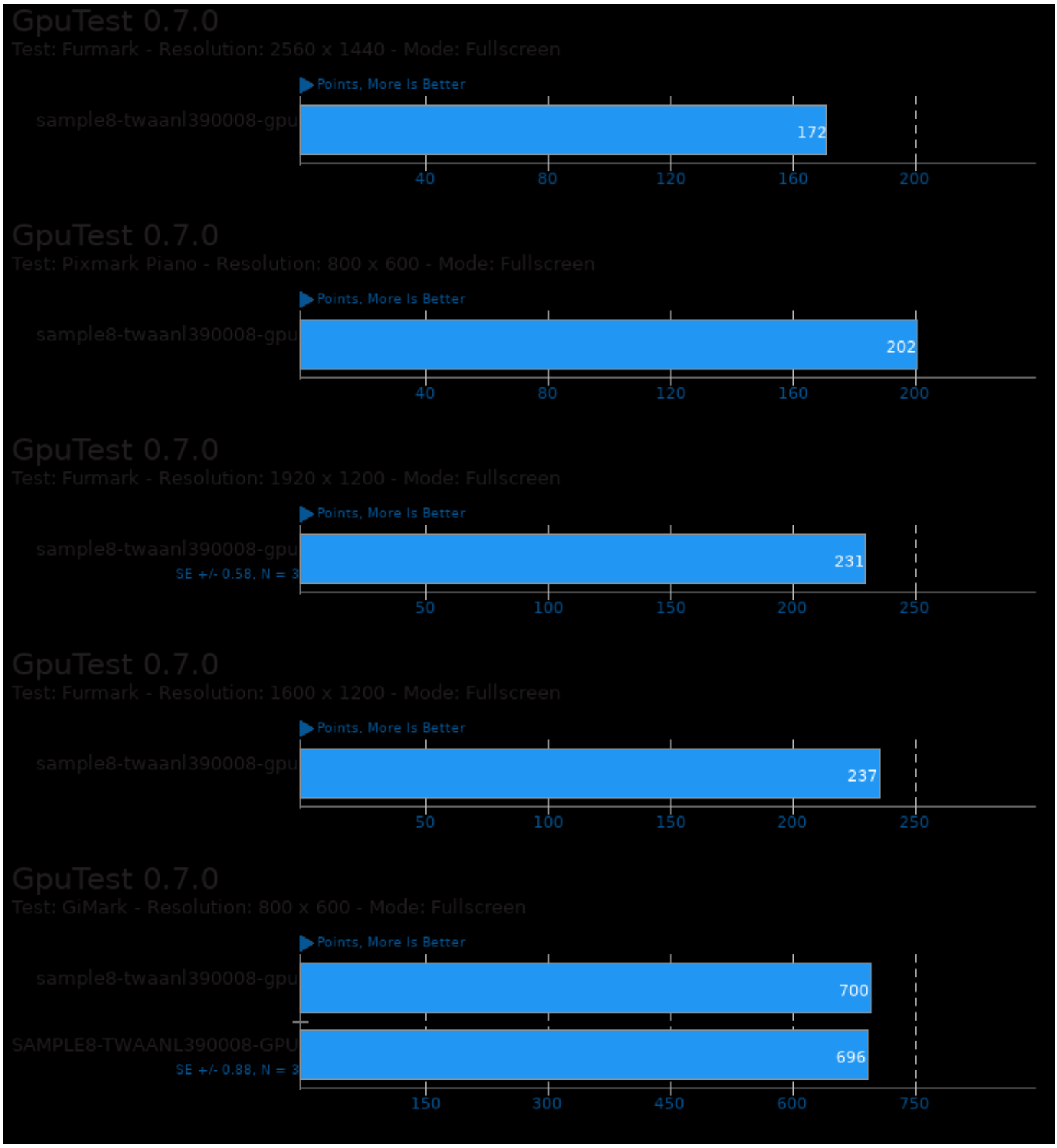
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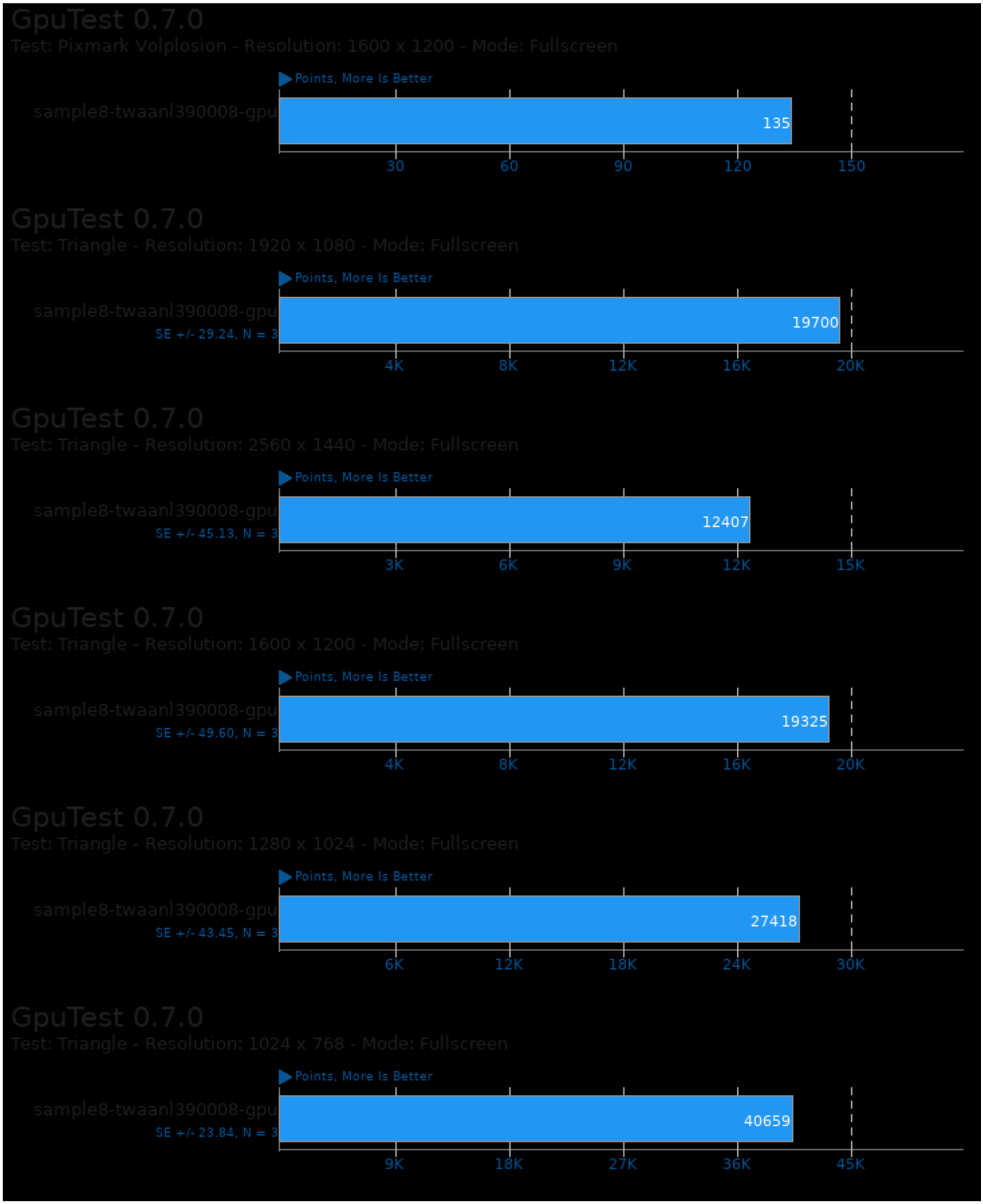
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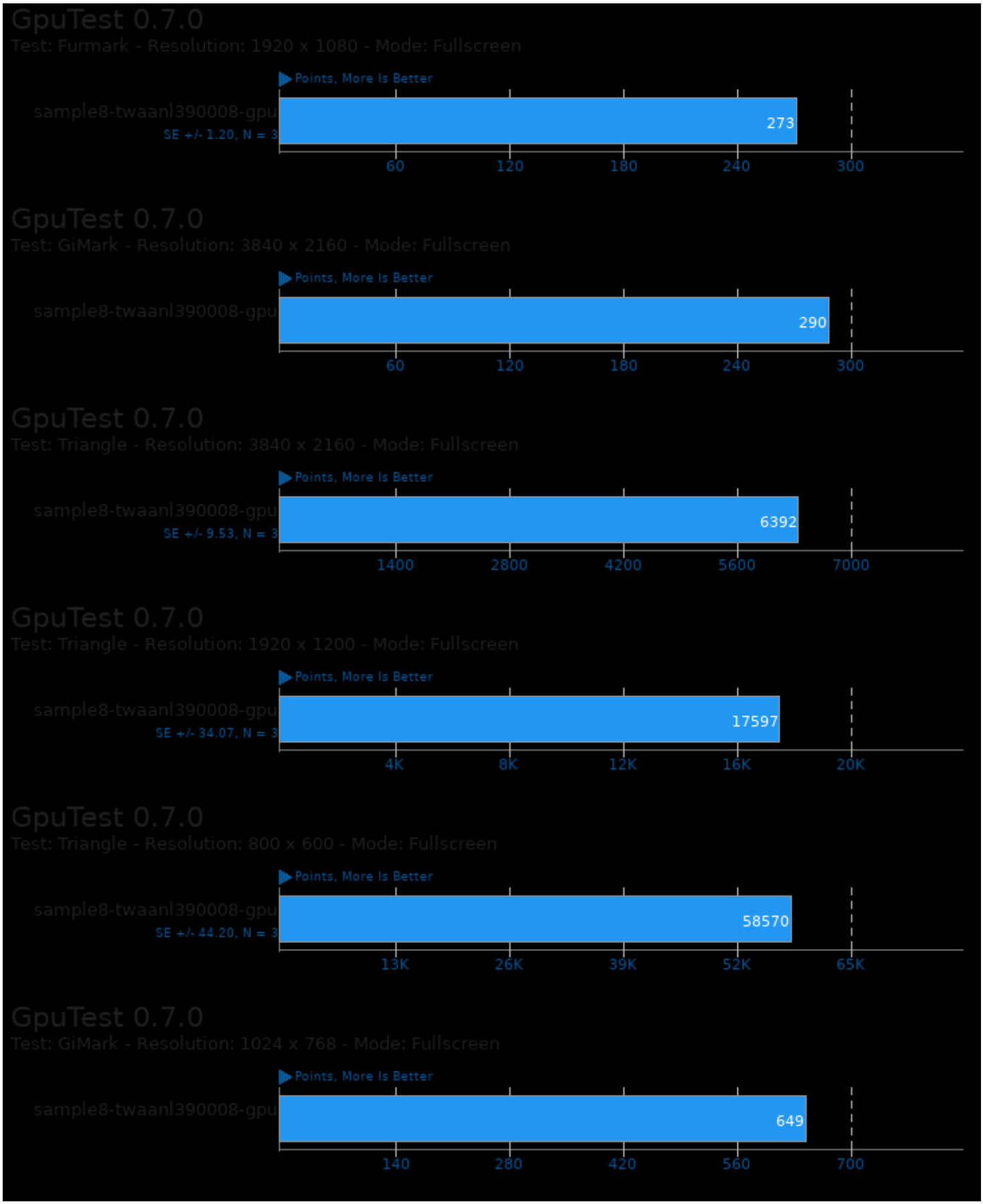
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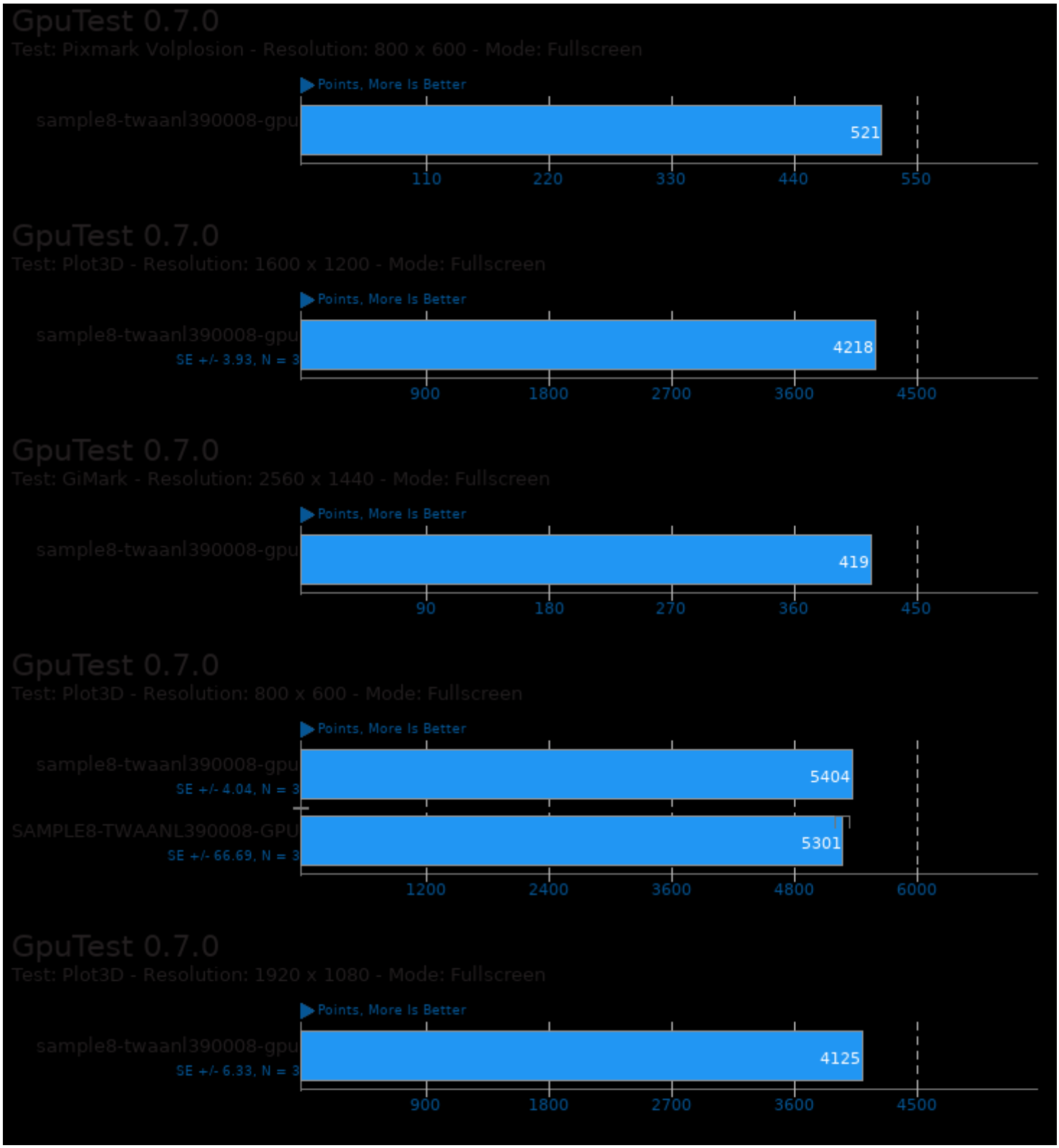
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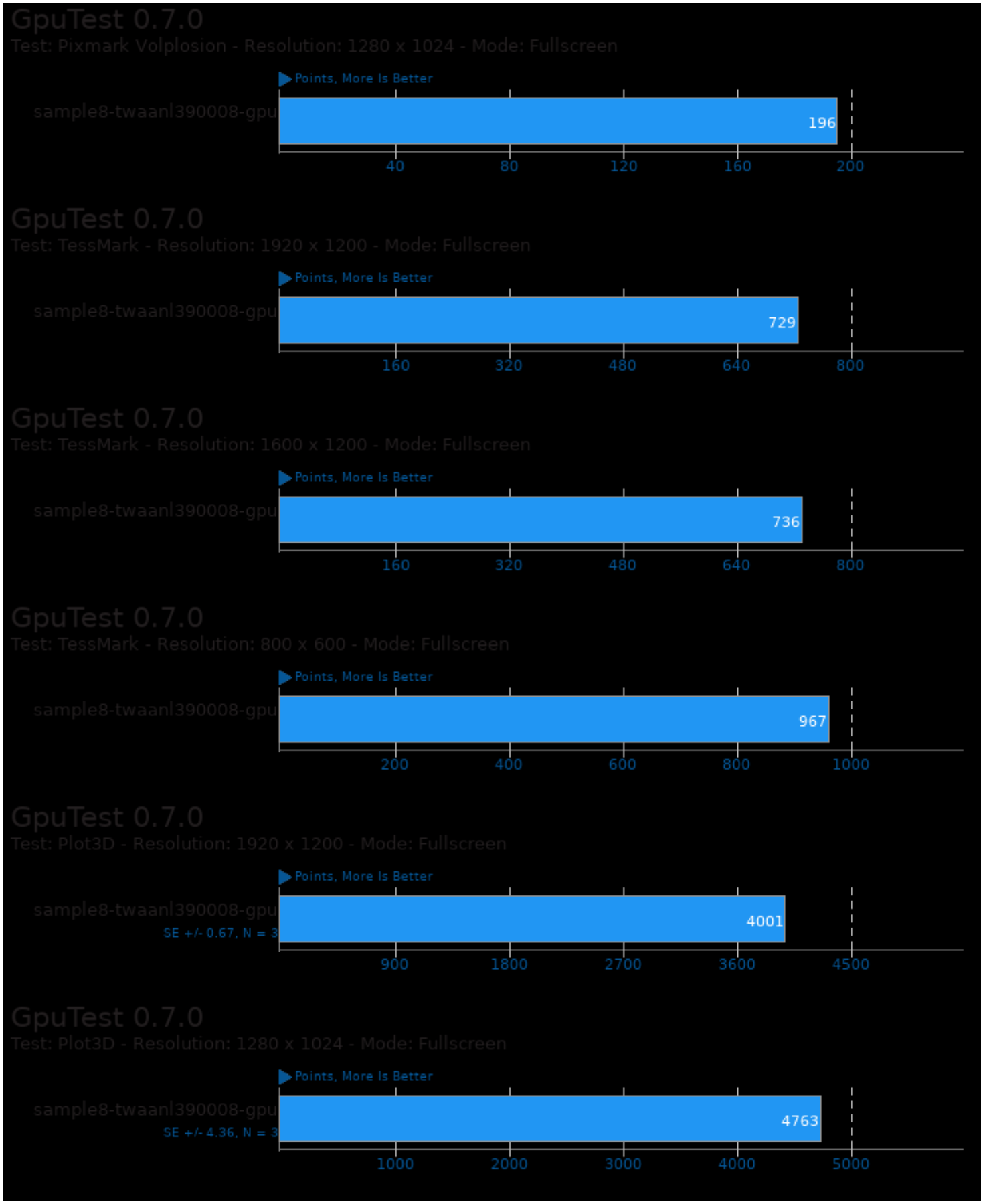
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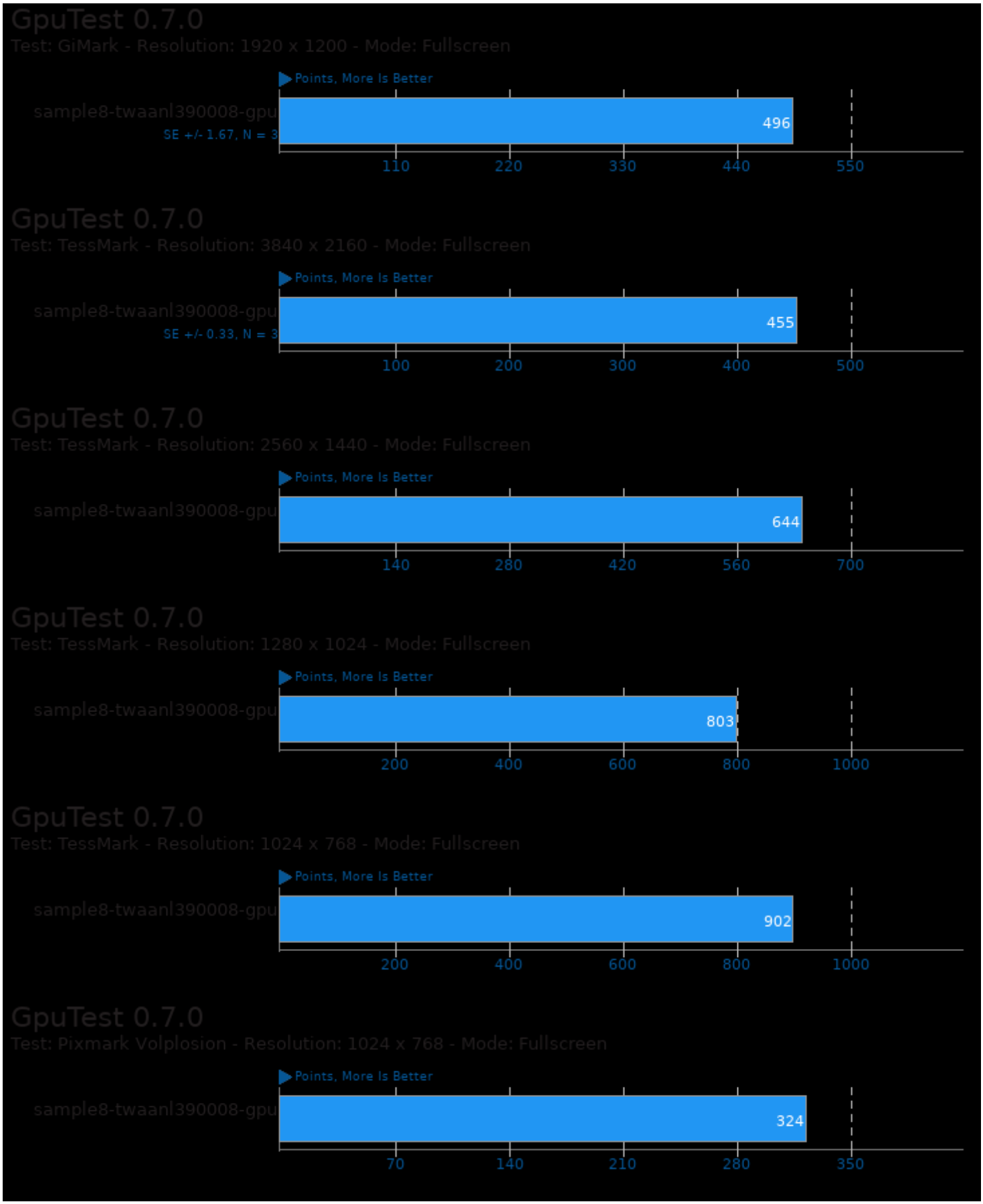
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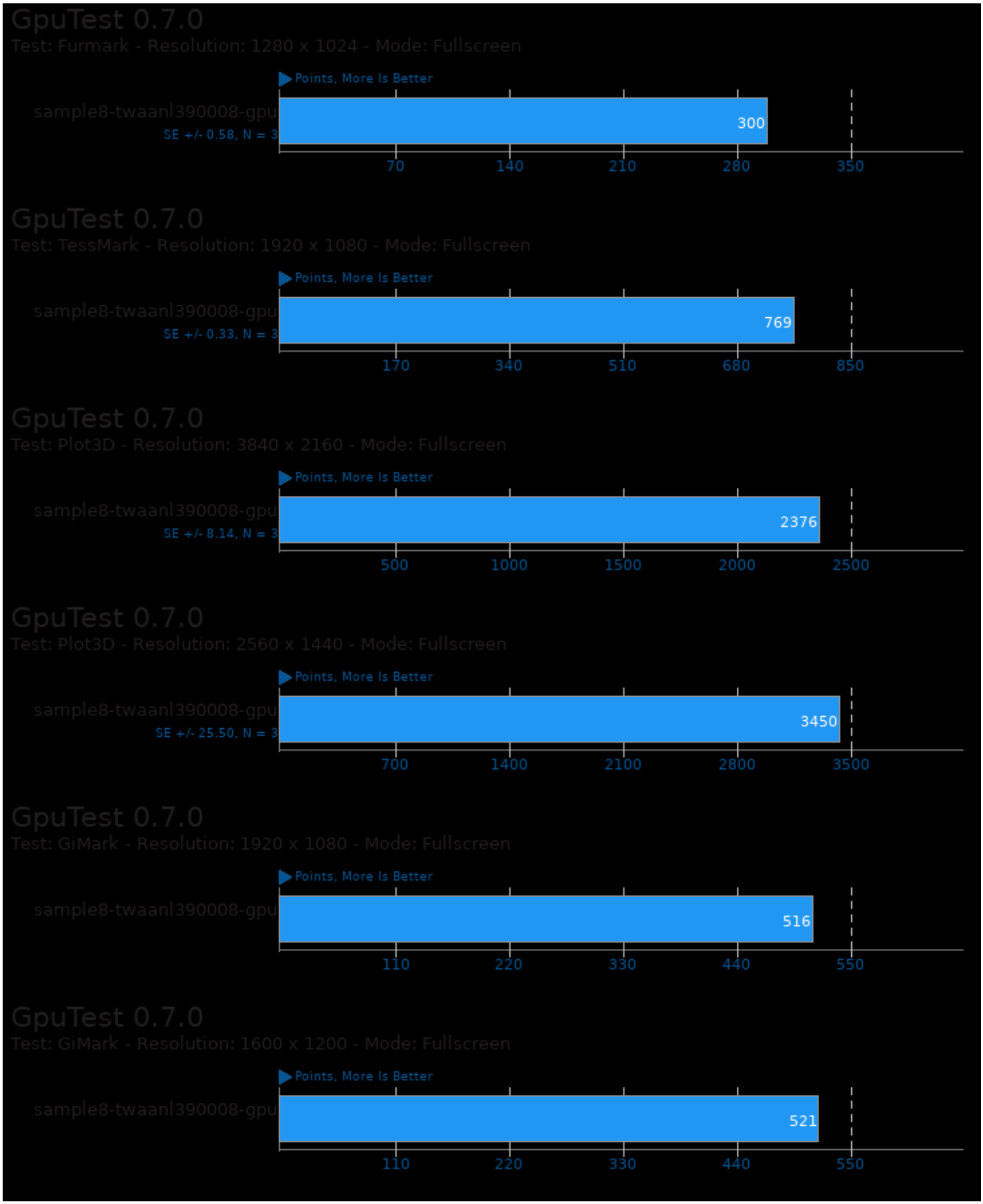
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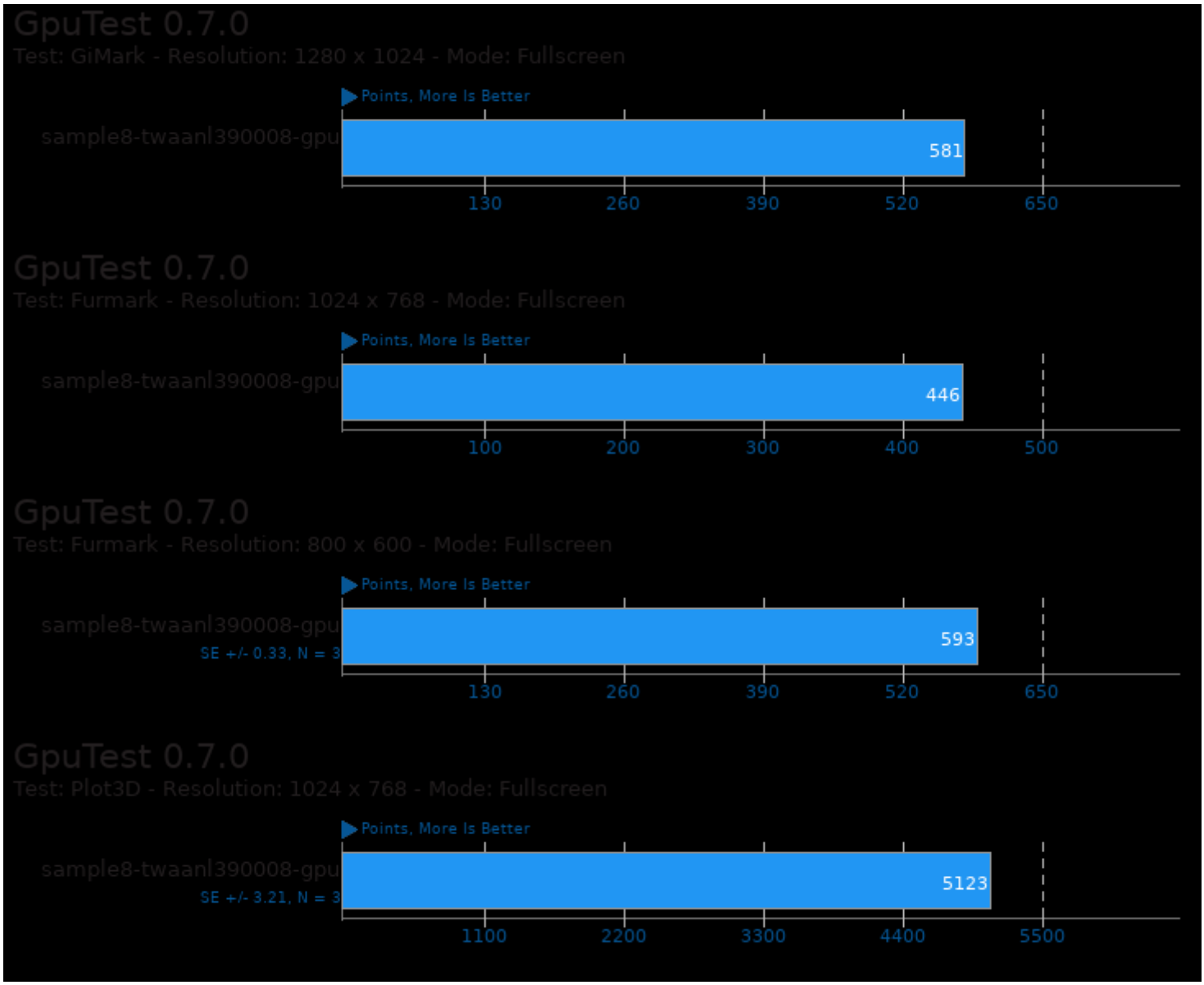
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