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DVCV2_SAMPLE4

DVCV2_PVT_SAMPLE11

Automated Executive Summary

DVCV2_SAMPLE4 had the most wins, coming in first place for 96% of the tests.

Based on the geometric mean of all complete results, the fastest (DVCV2_SAMPLE4) was 1.028x the speed of the slowest (DVCV2_PVT_SAMPLE11).

The results with the greatest spread from best to worst included:

*GpuTest (Test: Pixmark Piano - Resolution: 3840 x 2160 - Mode: Fullscreen) at 1.083x
GpuTest (Test: Pixmark Piano - Resolution: 4096 x 2160 - Mode: Fullscreen) at 1.083x
GpuTest (Test: Plot3D - Resolution: 1440 x 480 - Mode: Fullscreen) at 1.078x
GpuTest (Test: Plot3D - Resolution: 800 x 600 - Mode: Fullscreen) at 1.077x
GpuTest (Test: Furmark - Resolution: 1920 x 1080 - Mode: Fullscreen) at 1.075x
GpuTest (Test: Plot3D - Resolution: 1024 x 768 - Mode: Fullscreen) at 1.071x
GpuTest (Test: Plot3D - Resolution: 2880 x 480 - Mode: Fullscreen) at 1.069x
GpuTest (Test: Plot3D - Resolution: 1280 x 800 - Mode: Fullscreen) at 1.067x
GpuTest (Test: Plot3D - Resolution: 1440 x 900 - Mode: Fullscreen) at 1.064x
GpuTest (Test: Plot3D - Resolution: 1280 x 1024 - Mode: Fullscreen) at 1.061x.*

Test Systems:

DVCV2_SAMPLE4

Processor: Intel Celeron J3455 @ 2.30GHz (4 Cores), Motherboard: Digivalet D18 v2 (D182G001 BIOS), Chipset: Intel Celeron N3350/Pentium, Memory: 2 x 4096 MB DDR3-1600MT/s Unde AD3SSW4GB1WB-DKKCE, Disk: 16GB DG4016, Graphics: Intel HD 500 3072MB (750MHz), Audio: Realtek ALC269VC, Monitor: DENON-AVR, Network: Intel I350 Gigabit Connection + Qualcomm Atheros QCA6174 802.11ac Wireless

OS: Ubuntu 18.04, Kernel: 4.17.0-uhdgen (x86_64), Desktop: Openbox 3.6.1, Display Driver: intel 2.99.917, OpenGL: 4.5 Mesa 18.0.0-rc5, Compiler: GCC 7.3.0, File-System: ext4, Screen Resolution: 3840x2160

Kernel Notes: drm.edid_firmware=DP-1:edid/edid.bin

Processor Notes: Scaling Governor: intel_pstate powersave

Graphics Notes: SNA

Security Notes: __user pointer sanitization + Full generic retpoline IBPB IBRS_FW Protection

DVCV2_PVT_SAMPLE11

Processor: Intel Celeron J3455 @ 2.30GHz (4 Cores), Motherboard: EBN D18 (D182G02R BIOS), Chipset: Intel Celeron N3350/Pentium, Memory: 2 x 4096 MB DDR3-1600MT/s Unde AD3SSW4GB1WB-DKKCE, Disk: 16GB DG4016, Graphics: Intel HD 500 3GB (750MHz), Audio: Realtek ALC269VC, Monitor: DENON-AVR, Network: 3 x Intel I350 + Qualcomm Atheros QCA6174 802.11ac

OS: Ubuntu 18.04, Kernel: 4.17.0-uhdgen (x86_64), Desktop: Openbox 3.6.1, Display Server: X Server 1.19.6, OpenGL: 4.5 Mesa 18.0.0-rc5, Compiler: GCC 7.3.0, 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 - ThermalD 1.7

Graphics Notes: SNA

Security Notes: meltdown: Not affected + spec_store_bypass: Mitigation of SSB disabled via prctl and seccomp + spectre_v1: Mitigation of __user pointer sanitization + spectre_v2: Mitigation of Full generic retpoline IBPB IBRS_FW

	DVCV2_SAMPLE4	DVCV2_PVT_SAMPLE11
GpuTest - Plot3D - 800 x 600 - Fullscreen (Points)	4692	4356
Normalized	100%	92.84%
Standard Deviation	0.2%	0.4%
GpuTest - Furmark - 800 x 600 - Fullscreen (Points)	547	529
Normalized	100%	96.71%
Standard Deviation		0.1%
GpuTest - Plot3D - 1024 x 768 - Fullscreen (Points)	4487	4191
Normalized	100%	93.4%
Standard Deviation	0.3%	0.3%
GpuTest - Plot3D - 1280 x 800 - Fullscreen (Points)	4210	3946
Normalized	100%	93.73%
Standard Deviation	0.2%	0%
GpuTest - Plot3D - 1440 x 480 - Fullscreen (Points)	4195	3891
Normalized	100%	92.75%
Standard Deviation	0.1%	0.4%
GpuTest - Plot3D - 1440 x 900 - Fullscreen (Points)	4071	3827

	Normalized	100%	94.01%
	Standard Deviation	0.2%	0.1%
GpuTest - Plot3D - 1600 x 900 -Fullscreen (Points)	3978	3784	
	Normalized	100%	95.12%
	Standard Deviation	0.3%	0.1%
GpuTest - Plot3D - 2880 x 480 -Fullscreen (Points)	4073	3809	
	Normalized	100%	93.52%
	Standard Deviation	0.1%	0.4%
GpuTest - Furmark - 1024 x 768 -Fullscreen (Points)	412	398	
	Normalized	100%	96.6%
GpuTest - Furmark - 1280 x 800 -Fullscreen (Points)	389	375	
	Normalized	100%	96.4%
	Standard Deviation		0.2%
GpuTest - Furmark - 1440 x 480 -Fullscreen (Points)	676	651	
	Normalized	100%	96.3%
	Standard Deviation		0.2%
GpuTest - Furmark - 1440 x 900 -Fullscreen (Points)	331	320	
	Normalized	100%	96.68%
GpuTest - Furmark - 1600 x 900 -Fullscreen (Points)	321	319	
	Normalized	100%	99.38%
	Standard Deviation	3%	
GpuTest - Furmark - 2880 x 480 -Fullscreen (Points)	663	640	
	Normalized	100%	96.53%
	Standard Deviation	0.2%	
GpuTest - Plot3D - 1280 x 1024 -Fullscreen (Points)	4177	3938	
	Normalized	100%	94.28%
	Standard Deviation	0.3%	0.3%
GpuTest - Plot3D - 1680 x 1050 -Fullscreen (Points)	3909	3742	
	Normalized	100%	95.73%
	Standard Deviation	0.1%	0.3%
GpuTest - Plot3D - 1920 x 1080 -Fullscreen (Points)	3833	3626	
	Normalized	100%	94.6%
	Standard Deviation	0.2%	0.4%
GpuTest - Plot3D - 3840 x 2160 -Fullscreen (Points)	2377	2309	
	Normalized	100%	97.14%
	Standard Deviation	1.4%	0.4%
GpuTest - Plot3D - 4096 x 2160 -Fullscreen (Points)	2373	2300	
	Normalized	100%	96.92%
	Standard Deviation	0.2%	0.2%
GpuTest - Triangle - 800 x 600 -Fullscreen (Points)	66698	64348	
	Normalized	100%	96.48%
	Standard Deviation	0.2%	1.2%
GpuTest - Furmark - 1280 x 1024 -Fullscreen (Points)	276	267	
	Normalized	100%	96.74%
	Standard Deviation		0.2%
GpuTest - Furmark - 1680 x 1050 -Fullscreen (Points)	257	256	
	Normalized	100%	99.61%
	Standard Deviation	3.3%	
GpuTest - Furmark - 1920 x 1080 -Fullscreen (Points)	227	244	
	Normalized	93.03%	100%
	Standard Deviation	5%	0.9%
GpuTest - Furmark - 3840 x 2160 -Fullscreen (Points)	76	76	
	Standard Deviation	3.1%	0.8%
GpuTest - Furmark - 4096 x 2160 -Fullscreen (Points)	75	76	
	Normalized	98.68%	100%

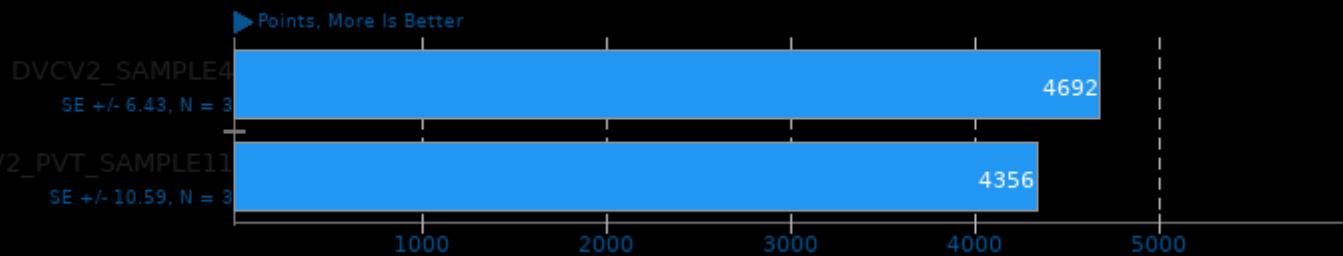
	Standard Deviation	3.3%
GpuTest - Triangle - 1024 x 768 - Fullscreen (Points)	45995	43409
	Normalized	100%
	Standard Deviation	0.3%
GpuTest - Triangle - 1280 x 800 - Fullscreen (Points)	36651	35248
	Normalized	100%
	Standard Deviation	0.3%
GpuTest - Triangle - 1440 x 480 - Fullscreen (Points)	50456	50287
	Normalized	100%
	Standard Deviation	0.1%
GpuTest - Triangle - 1440 x 900 - Fullscreen (Points)	29986	28527
	Normalized	100%
	Standard Deviation	0.5%
GpuTest - Triangle - 1600 x 900 - Fullscreen (Points)	27507	26312
	Normalized	100%
	Standard Deviation	0.5%
GpuTest - Triangle - 2880 x 480 - Fullscreen (Points)	28460	27056
	Normalized	100%
	Standard Deviation	0.1%
GpuTest - Triangle - 1280 x 1024 - Fullscreen (Points)	29794	28552
	Normalized	100%
	Standard Deviation	0.3%
GpuTest - Triangle - 1680 x 1050 - Fullscreen (Points)	23054	22009
	Normalized	100%
	Standard Deviation	0.3%
GpuTest - Triangle - 1920 x 1080 - Fullscreen (Points)	20403	19677
	Normalized	100%
	Standard Deviation	1.3%
GpuTest - Triangle - 3840 x 2160 - Fullscreen (Points)	6835	6622
	Normalized	100%
	Standard Deviation	0.2%
GpuTest - Triangle - 4096 x 2160 - Fullscreen (Points)	6860	6627
	Normalized	100%
	Standard Deviation	0.5%
GpuTest - Pixmark Piano - 800 x 600 - Fullscreen	200	200
	Standard Deviation	0.3%
GpuTest - Pixmark Piano - 1024 x 768 - Fullscreen	124	124
	(Points)	
GpuTest - Pixmark Piano - 1280 x 800 - Fullscreen	97	97
	(Points)	
GpuTest - Pixmark Piano - 1440 x 480 - Fullscreen	145	143
	(Points)	
	Normalized	100%
	Standard Deviation	1.2%
GpuTest - Pixmark Piano - 1440 x 900 - Fullscreen	77	76
	(Points)	
	Normalized	100%
	Standard Deviation	0.8%
GpuTest - Pixmark Piano - 1600 x 900 - Fullscreen	69	69
	(Points)	
GpuTest - Pixmark Piano - 2880 x 480 - Fullscreen	60	60
	(Points)	

GpuTest - Pixmark Piano - 1280 x 1024 - Fullscreen	75 (Points)	74
Normalized	100%	98.67%
Standard Deviation		1.4%
GpuTest - Pixmark Piano - 1680 x 1050 - Fullscreen	57 (Points)	56
Normalized	100%	98.25%
Standard Deviation		1%
GpuTest - Pixmark Piano - 1920 x 1080 - Fullscreen	48 (Points)	48
GpuTest - Pixmark Piano - 3840 x 2160 - Fullscreen	13 (Points)	12
Normalized	100%	92.31%
Standard Deviation		3.4%
GpuTest - Pixmark Piano - 4096 x 2160 - Fullscreen	13 (Points)	12
Normalized	100%	92.31%
GpuTest - Pixmark Volplosion - 800 x 600 - Fullscreen	522 (Points)	504
Normalized	100%	96.55%
Standard Deviation		0.6%
GpuTest - Pixmark Volplosion - 1024 x 768 - Fullscreen (Points)	325	321
Normalized	100%	98.77%
Standard Deviation		1%
GpuTest - Pixmark Volplosion - 1280 x 800 - Fullscreen (Points)	255	252
Normalized	100%	98.82%
Standard Deviation		0.7%
GpuTest - Pixmark Volplosion - 1440 x 480 - Fullscreen (Points)	383	371
Normalized	100%	96.87%
Standard Deviation		1.2%
GpuTest - Pixmark Volplosion - 1440 x 900 - Fullscreen (Points)	202	199
Normalized	100%	98.51%
GpuTest - Pixmark Volplosion - 1600 x 900 - Fullscreen (Points)	184	182
Normalized	100%	98.91%
Standard Deviation		0.6%
GpuTest - Pixmark Volplosion - 2880 x 480 - Fullscreen (Points)	199	198
Normalized	100%	99.5%
GpuTest - Pixmark Volplosion - 1280 x 1024 - Fullscreen (Points)	197	196
Normalized	100%	99.49%
GpuTest - Pixmark Volplosion - 1680 x 1050 - Fullscreen (Points)	150	149
Normalized	100%	99.33%
Standard Deviation		0.4%

GpuTest - Pixmark Volplosion - 1920 x 1080 - 128	128
Fullscreen (Points)	
GpuTest - Pixmark Volplosion - 3840 x 2160 - 33	33
Fullscreen (Points)	
GpuTest - Pixmark Volplosion - 4096 x 2160 - 33	33
Fullscreen (Points)	

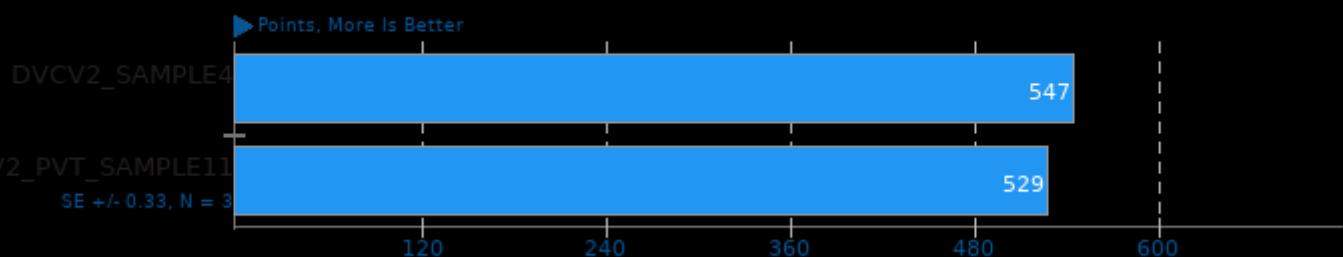
GpuTest 0.7.0

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



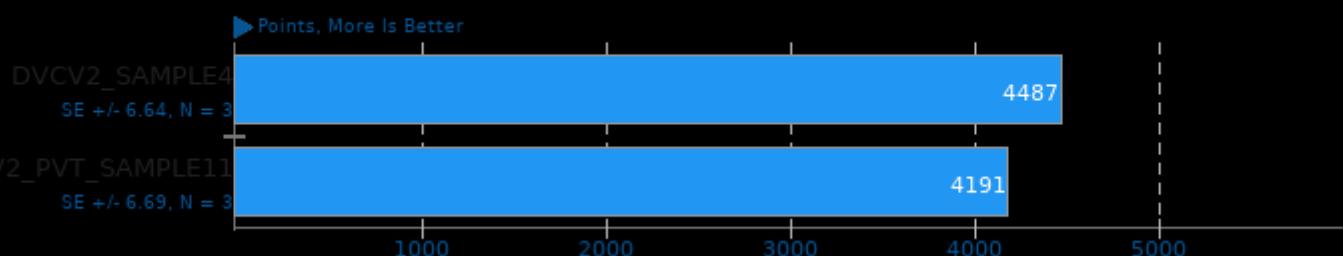
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Test: Furmark - Resolution: 800 x 600 - Mode: Fullscreen



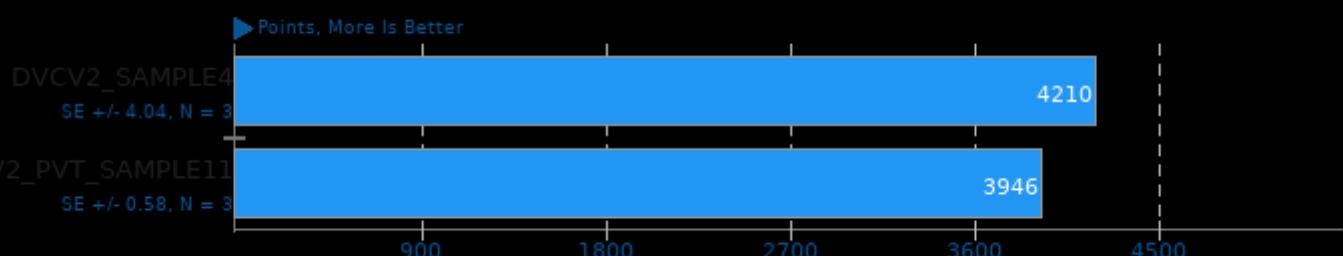
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Test: Plot3D - Resolution: 1024 x 768 - Mode: Fullscreen



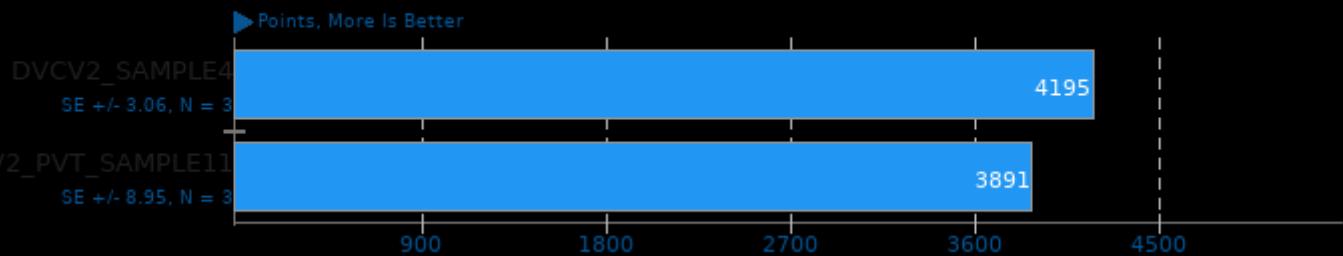
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Test: Plot3D - Resolution: 1280 x 800 - Mode: Fullscreen

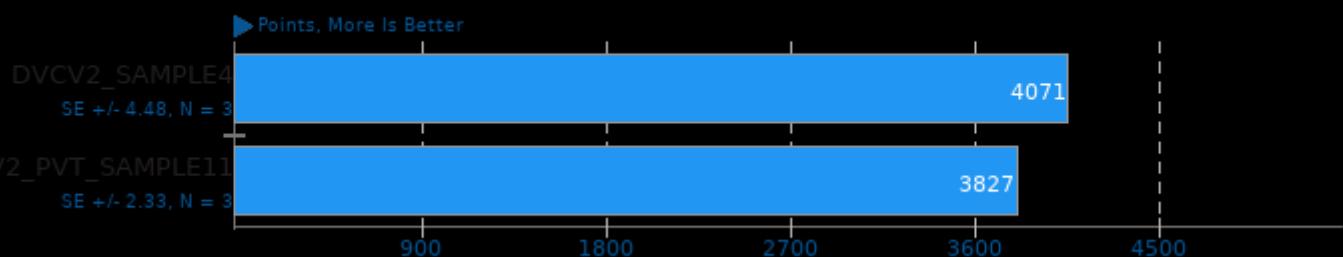


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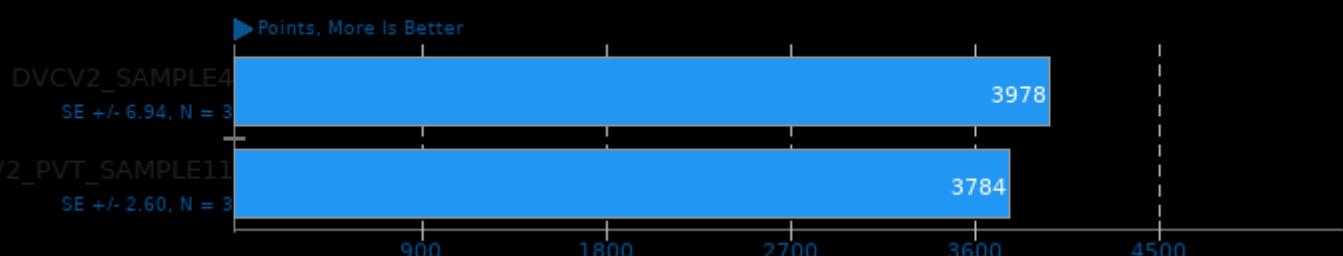
Test: Plot3D - Resolution: 1440 x 480 - Mode: Fullscreen

**GpuTest 0.7.0**

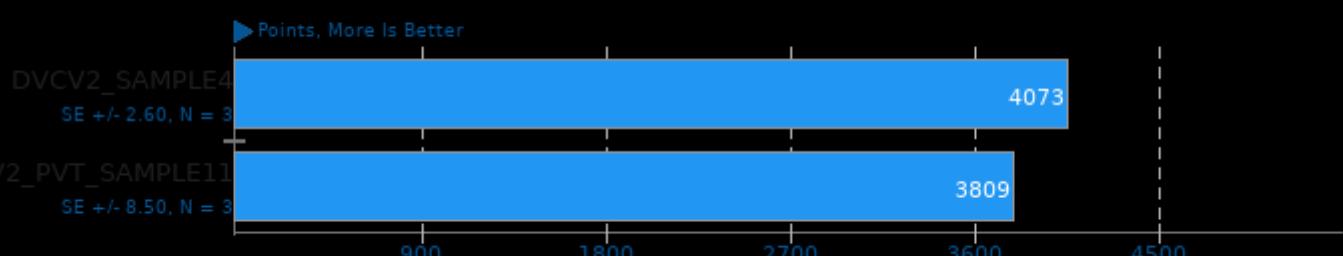
Test: Plot3D - Resolution: 1440 x 900 - Mode: Fullscreen

**GpuTest 0.7.0**

Test: Plot3D - Resolution: 1600 x 900 - Mode: Fullscreen

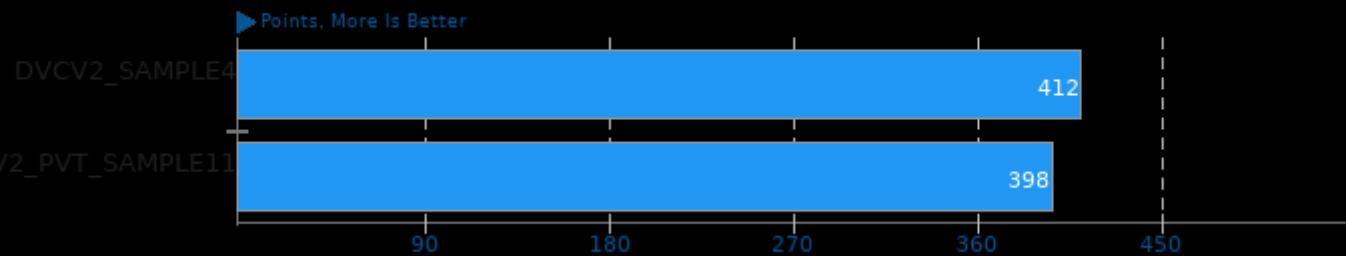
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Test: Plot3D - Resolution: 2880 x 480 - Mode: Fullscreen

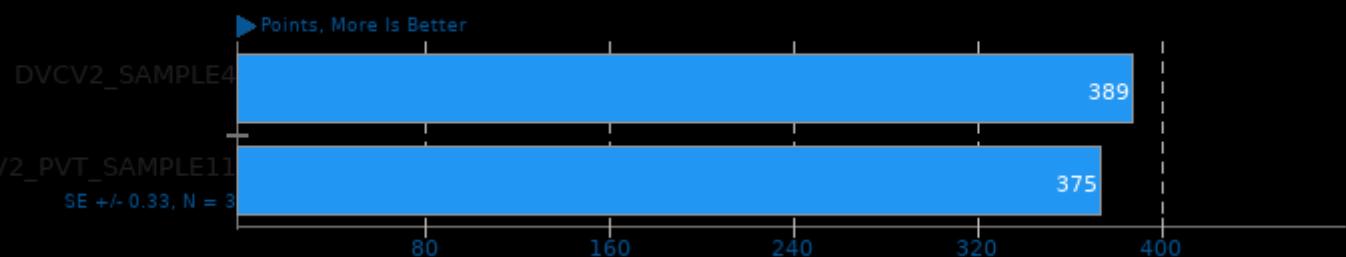


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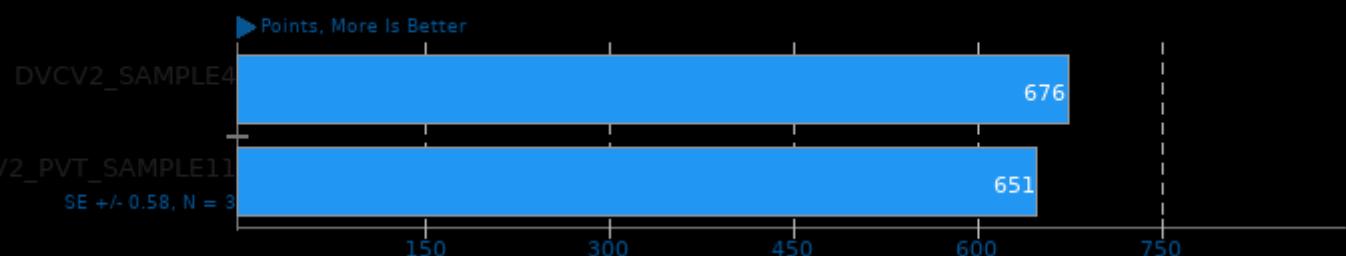
Test: Furmark - Resolution: 1024 x 768 - Mode: Fullscreen

**GpuTest 0.7.0**

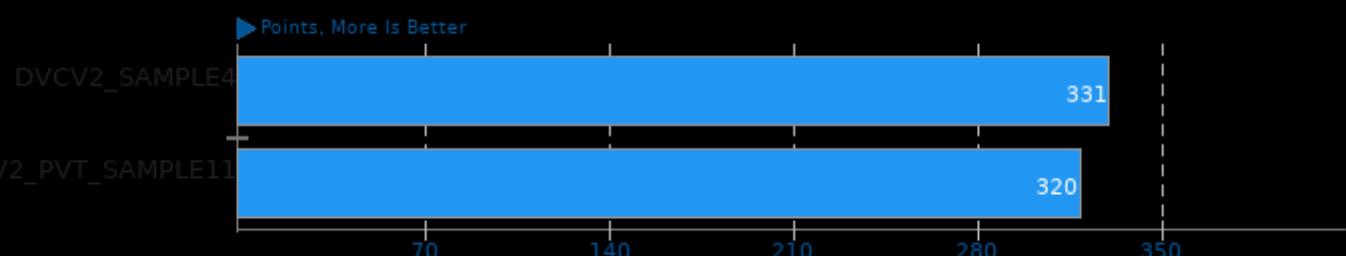
Test: Furmark - Resolution: 1280 x 800 - Mode: Fullscreen

**GpuTest 0.7.0**

Test: Furmark - Resolution: 1440 x 480 - Mode: Fullscreen

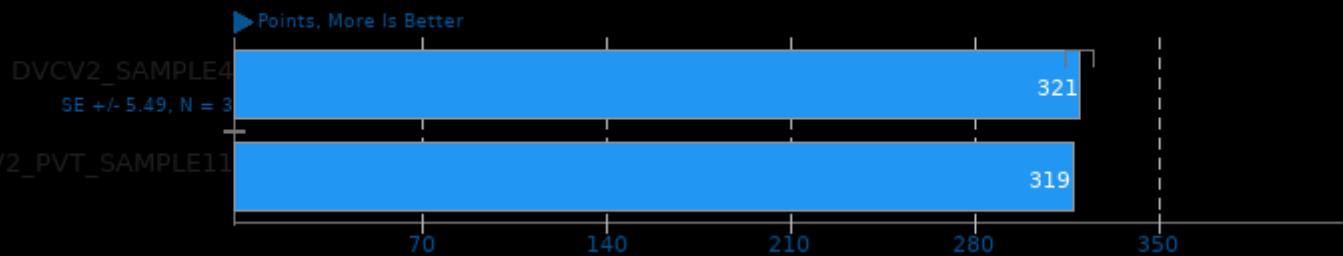
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Test: Furmark - Resolution: 1440 x 900 - Mode: Fullscreen

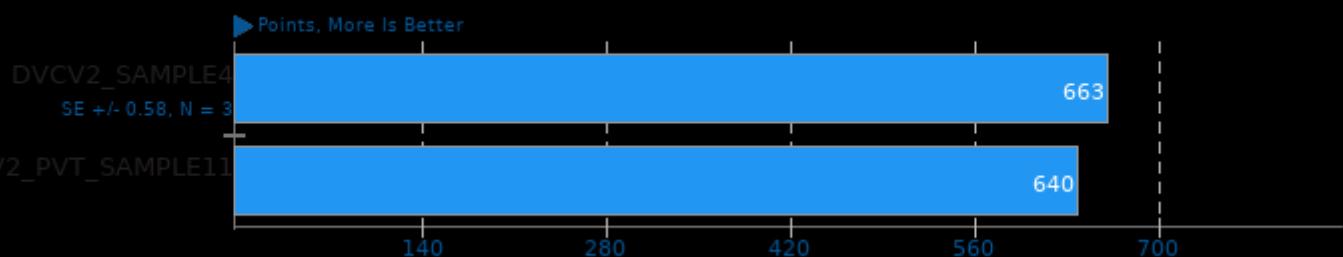


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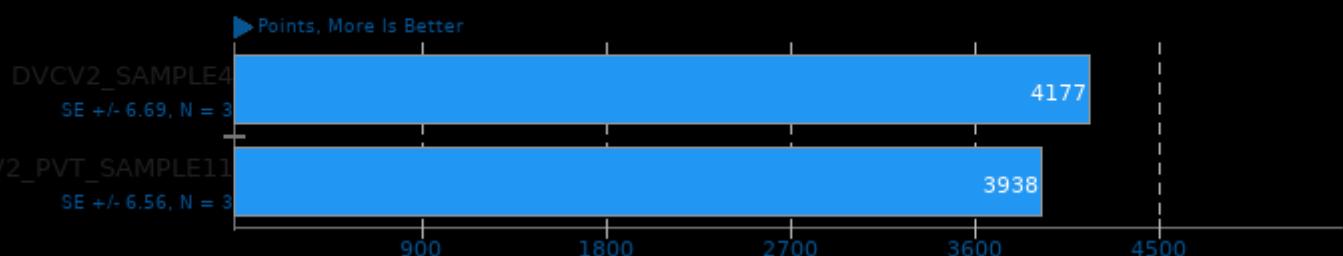
Test: Furmark - Resolution: 1600 x 900 - Mode: Fullscreen

**GpuTest 0.7.0**

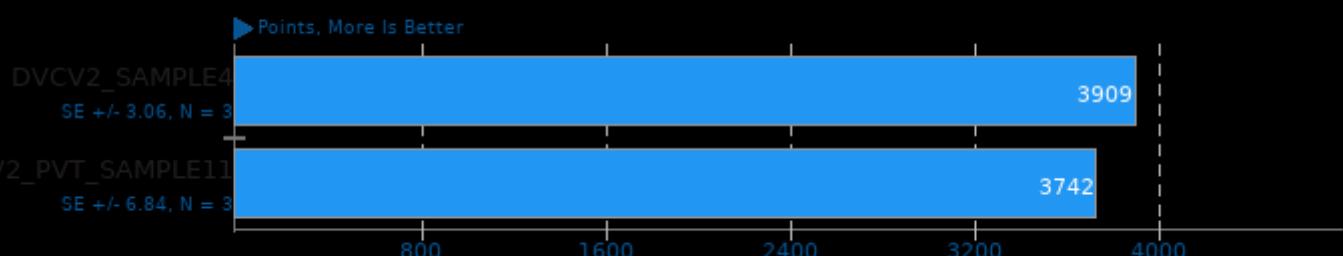
Test: Furmark - Resolution: 2880 x 480 - Mode: Fullscreen

**GpuTest 0.7.0**

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

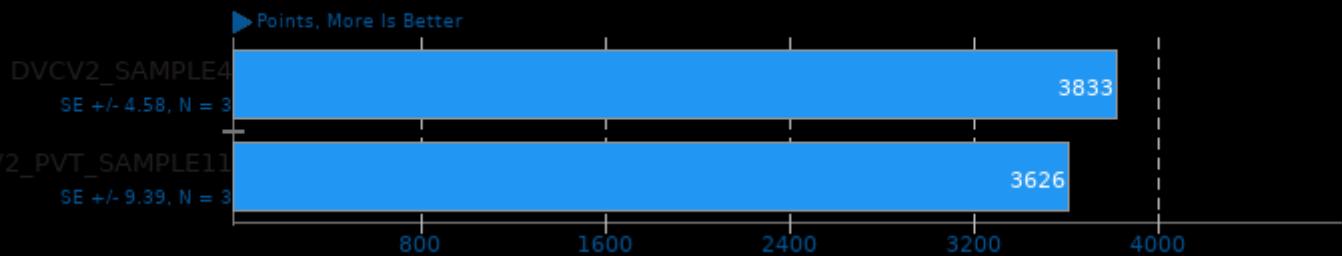
**GpuTest 0.7.0**

Test: Plot3D - Resolution: 1680 x 1050 - Mode: Fullscreen

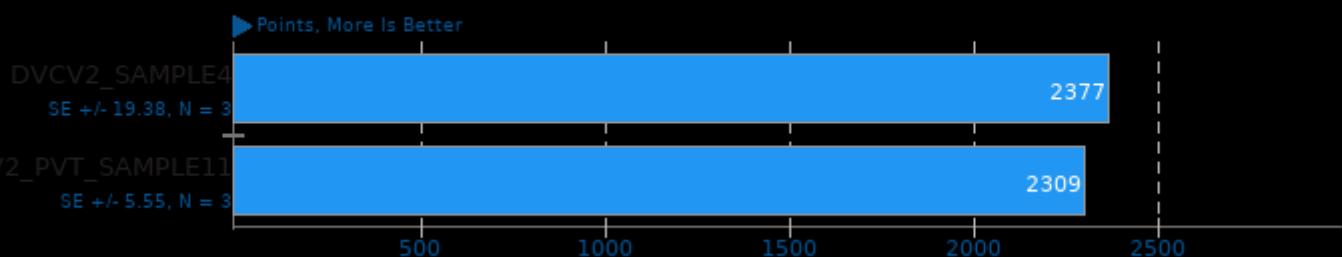


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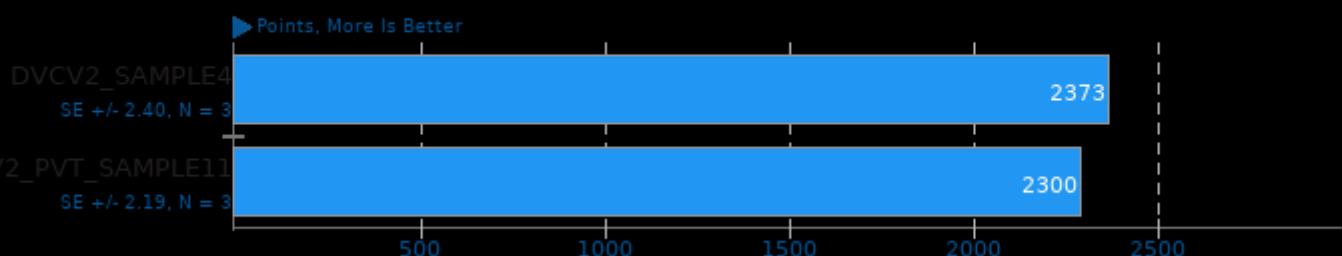
Test: Plot3D - Resolution: 1920 x 1080 - Mode: Fullscreen

**GpuTest 0.7.0**

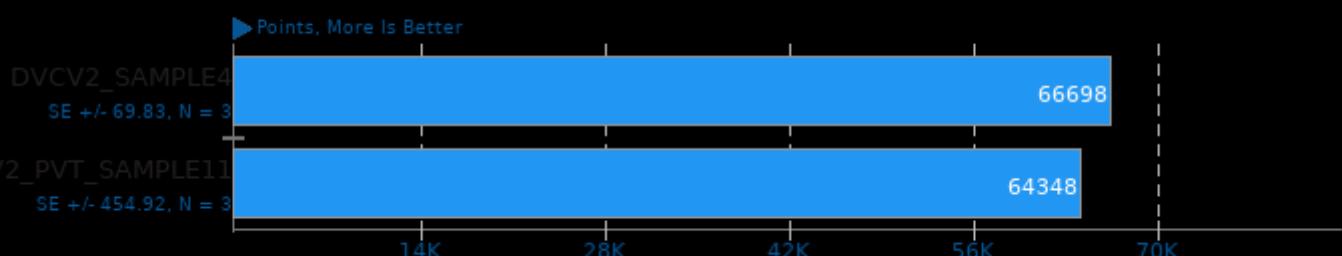
Test: Plot3D - Resolution: 3840 x 2160 - Mode: Fullscreen

**GpuTest 0.7.0**

Test: Plot3D - Resolution: 4096 x 2160 - Mode: Fullscreen

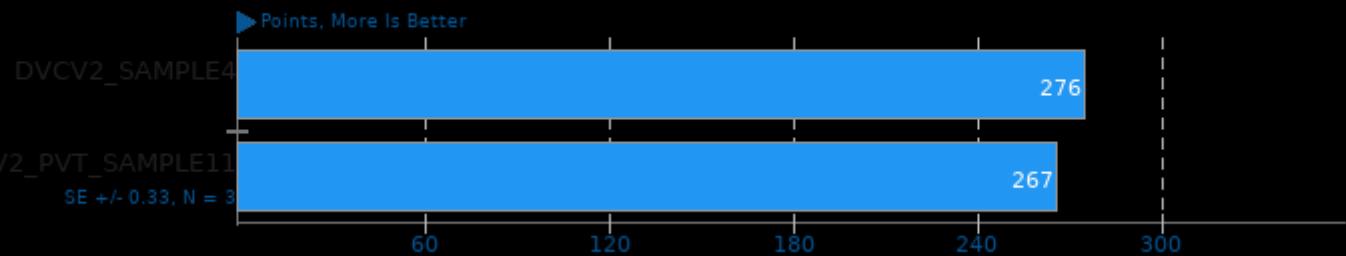
**GpuTest 0.7.0**

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

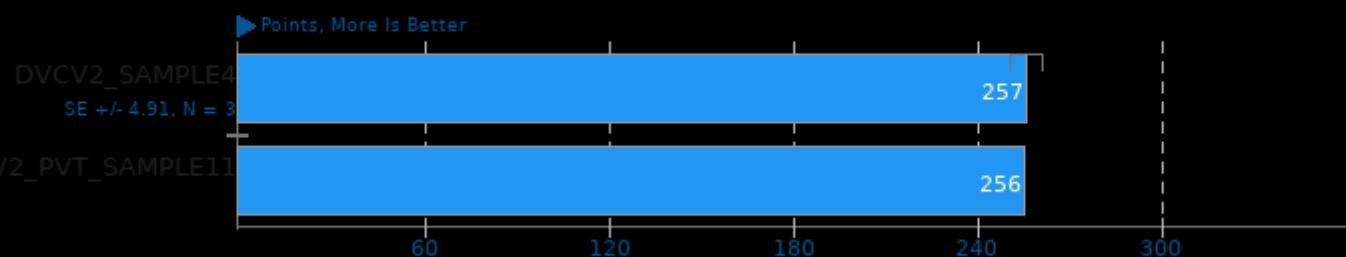


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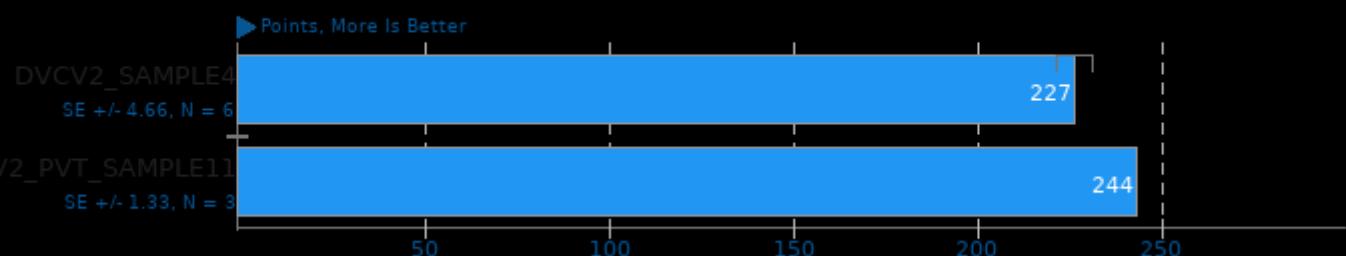
Test: Furmark - Resolution: 1280 x 1024 - Mode: Fullscreen

**GpuTest 0.7.0**

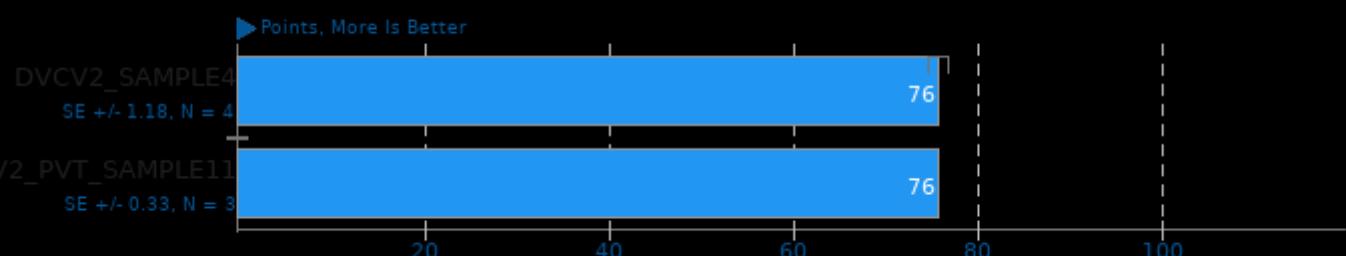
Test: Furmark - Resolution: 1680 x 1050 - Mode: Fullscreen

**GpuTest 0.7.0**

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

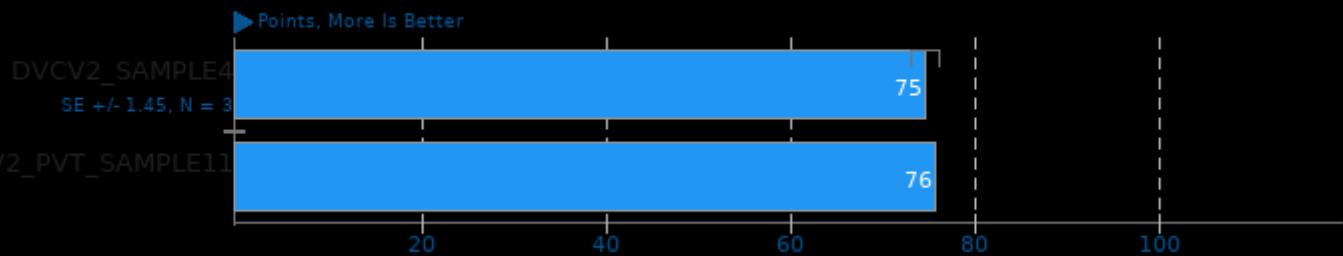
**GpuTest 0.7.0**

Test: Furmark - Resolution: 3840 x 2160 - Mode: Fullscreen

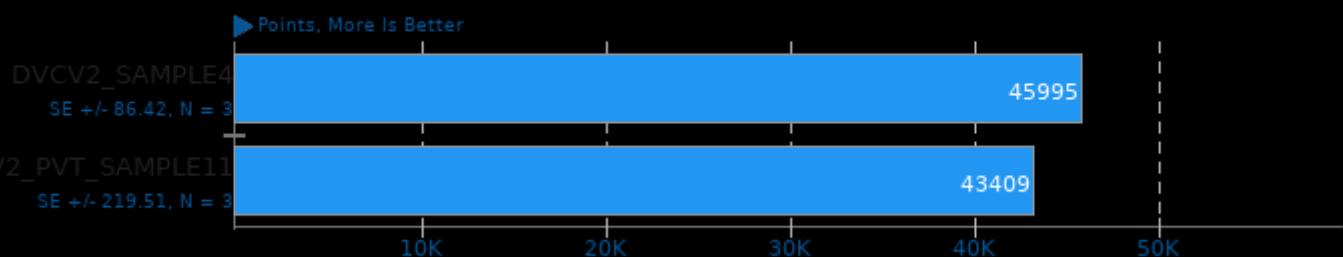


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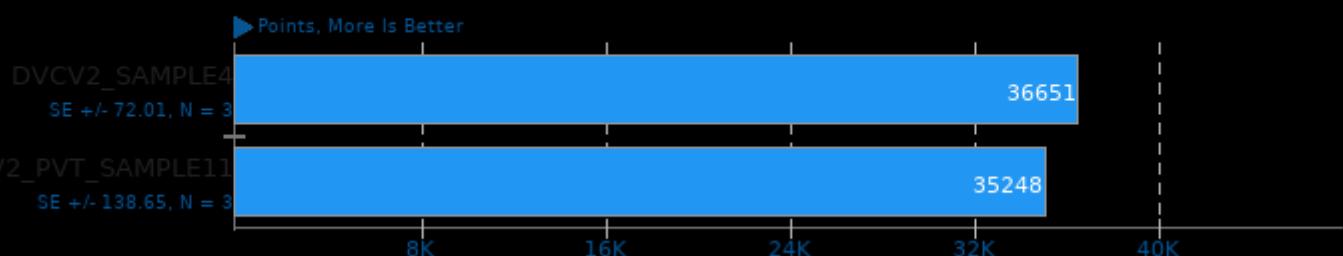
Test: Furmark - Resolution: 4096 x 2160 - Mode: Fullscreen

**GpuTest 0.7.0**

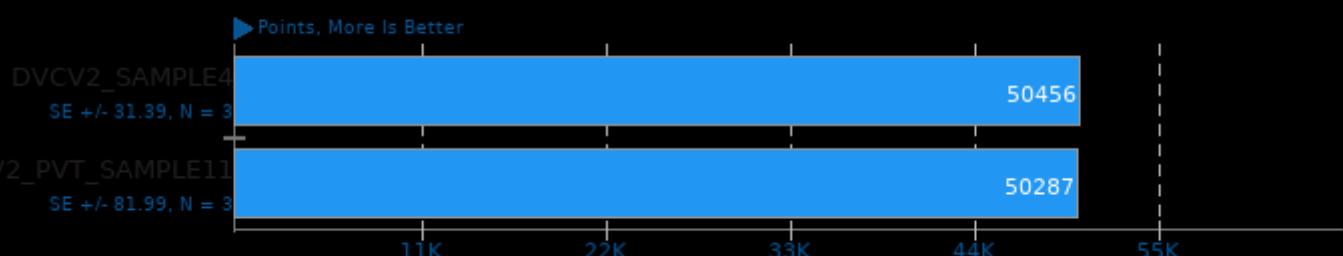
Test: Triangle - Resolution: 1024 x 768 - Mode: Fullscreen

**GpuTest 0.7.0**

Test: Triangle - Resolution: 1280 x 800 - Mode: Fullscreen

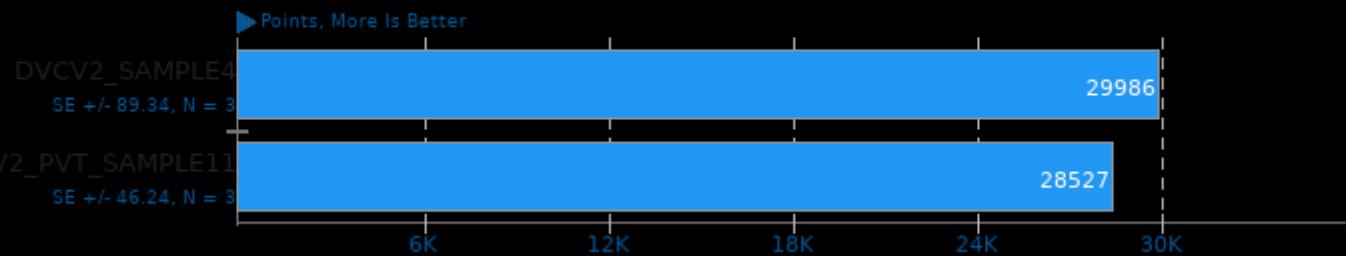
**GpuTest 0.7.0**

Test: Triangle - Resolution: 1440 x 480 - Mode: Fullscreen

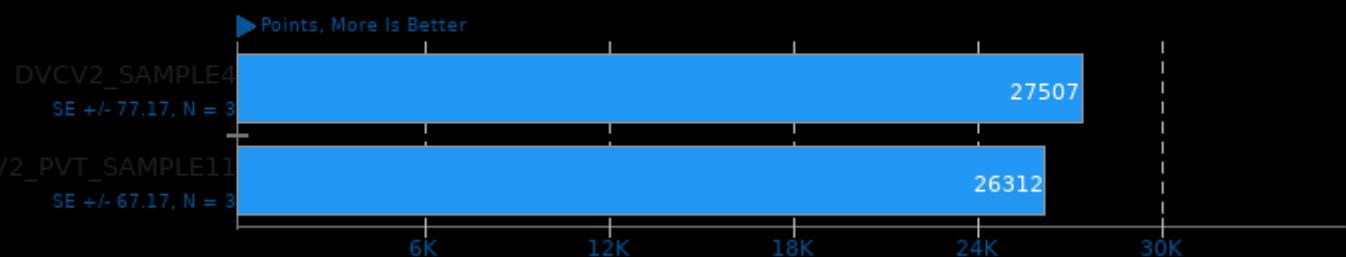


GpuTest 0.7.0

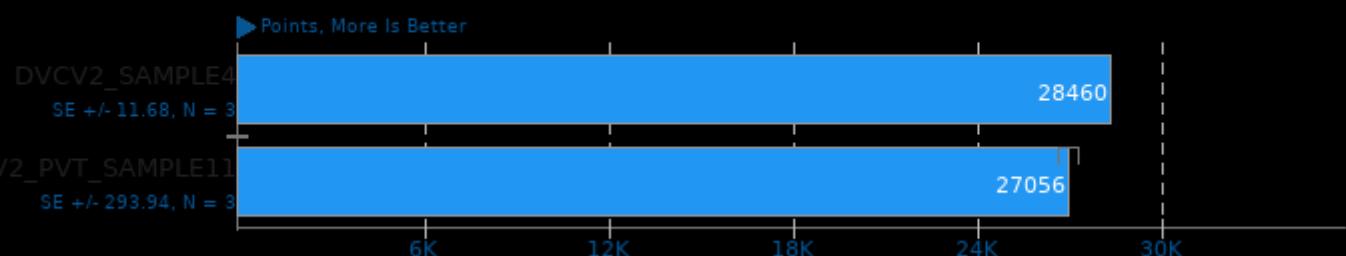
Test: Triangle - Resolution: 1440 x 900 - Mode: Fullscreen

**GpuTest 0.7.0**

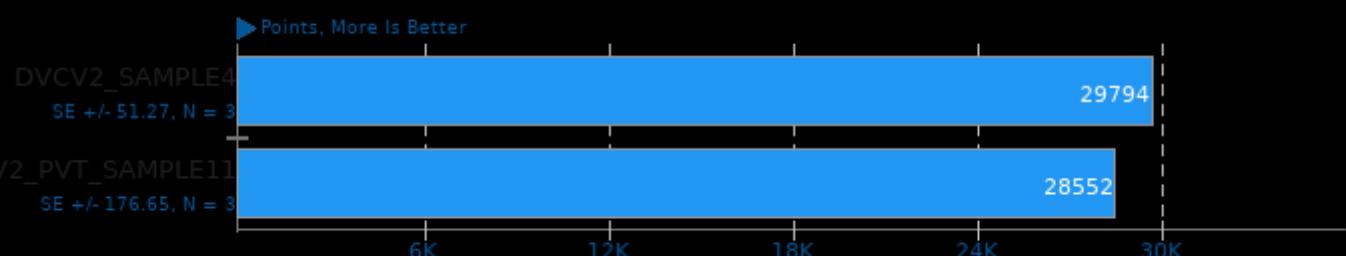
Test: Triangle - Resolution: 1600 x 900 - Mode: Fullscreen

**GpuTest 0.7.0**

Test: Triangle - Resolution: 2880 x 480 - Mode: Fullscreen

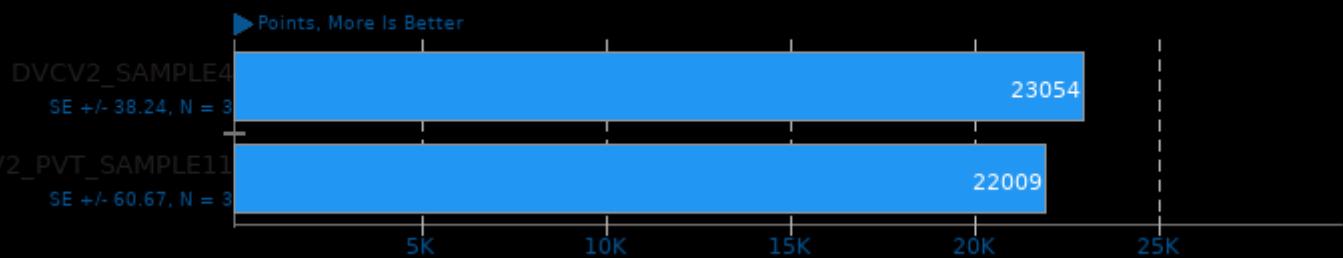
**GpuTest 0.7.0**

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



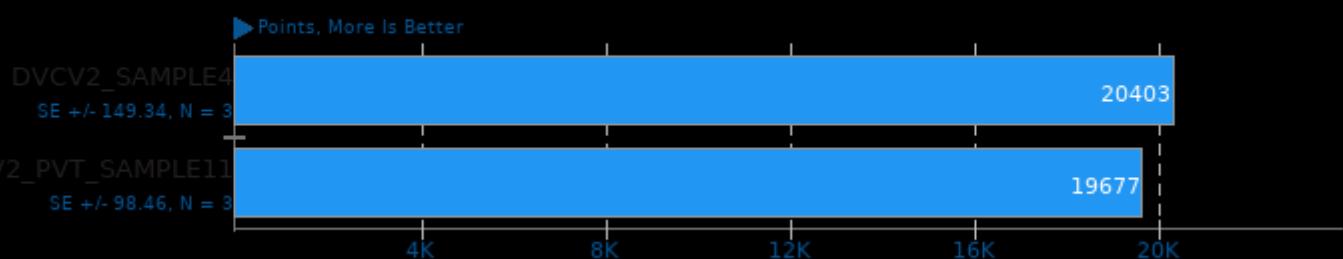
GpuTest 0.7.0

Test: Triangle - Resolution: 1680 x 1050 - Mode: Fullscreen



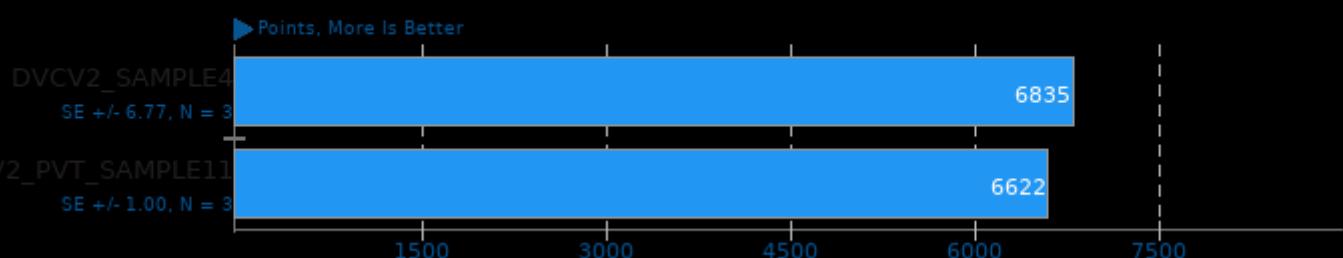
GpuTest 0.7.0

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



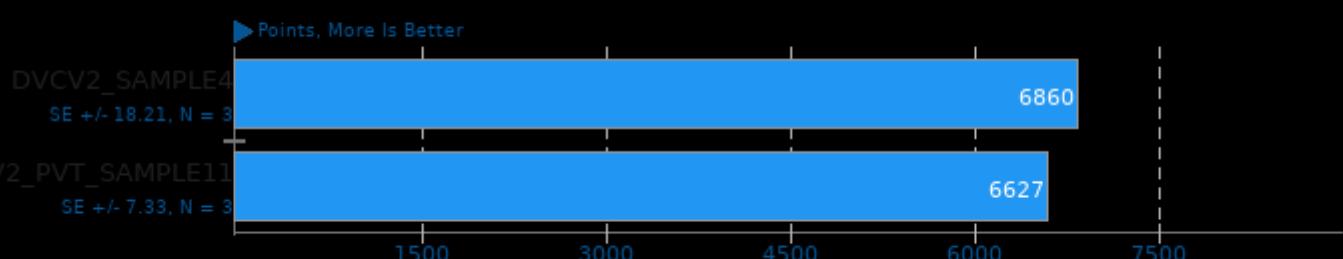
GpuTest 0.7.0

Test: Triangle - Resolution: 3840 x 2160 - Mode: Fullscreen



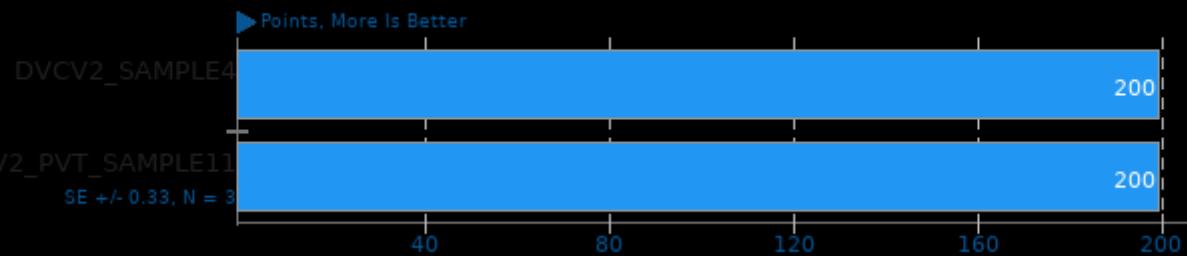
GpuTest 0.7.0

Test: Triangle - Resolution: 4096 x 2160 - Mode: Fullscreen

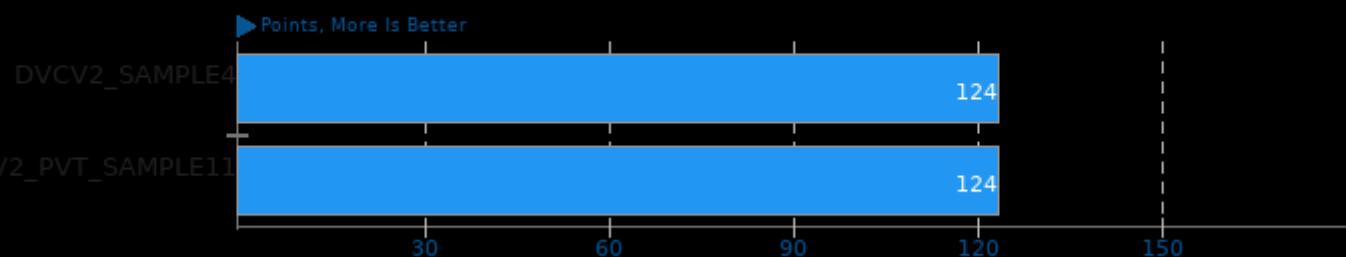


GpuTest 0.7.0

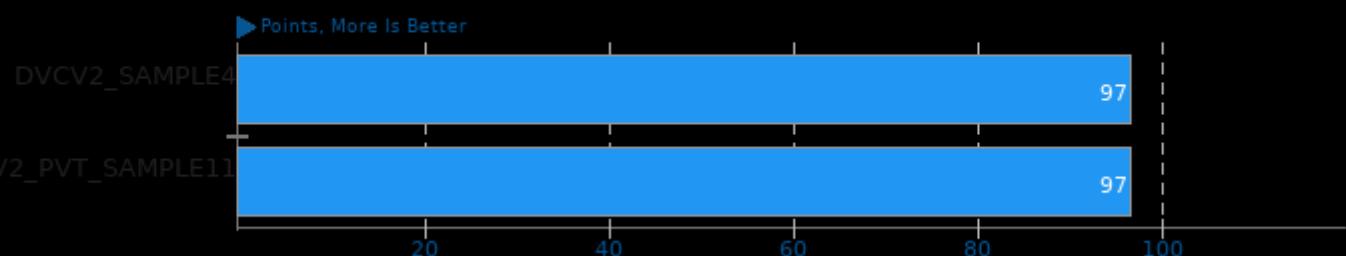
Test: Pixmark Piano - Resolution: 800 x 600 - Mode: Fullscreen

**GpuTest 0.7.0**

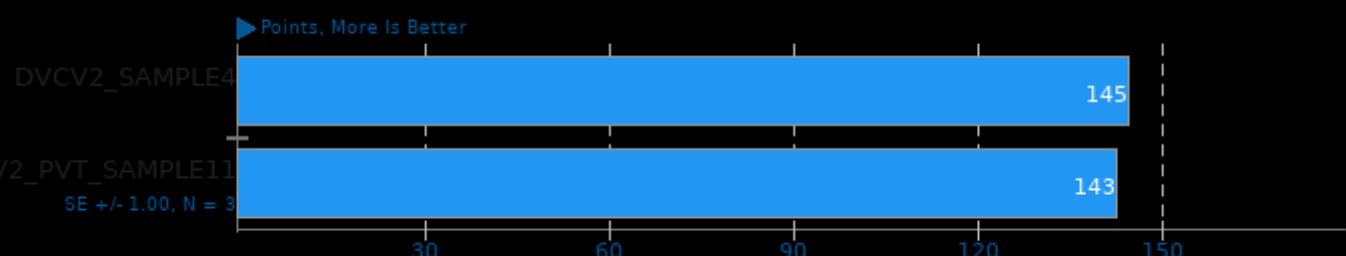
Test: Pixmark Piano - Resolution: 1024 x 768 - Mode: Fullscreen

**GpuTest 0.7.0**

Test: Pixmark Piano - Resolution: 1280 x 800 - Mode: Fullscreen

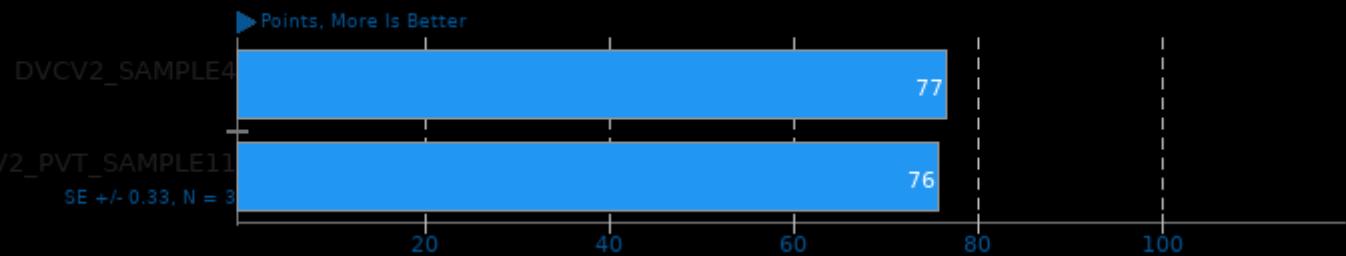
**GpuTest 0.7.0**

Test: Pixmark Piano - Resolution: 1440 x 480 - Mode: Fullscreen

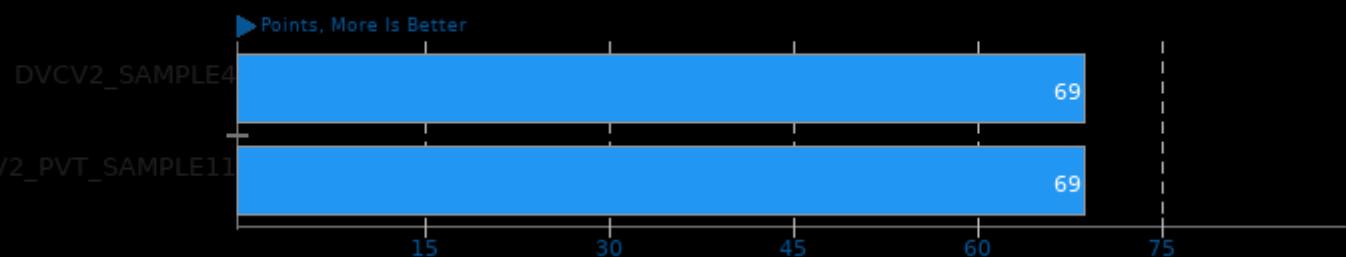


GpuTest 0.7.0

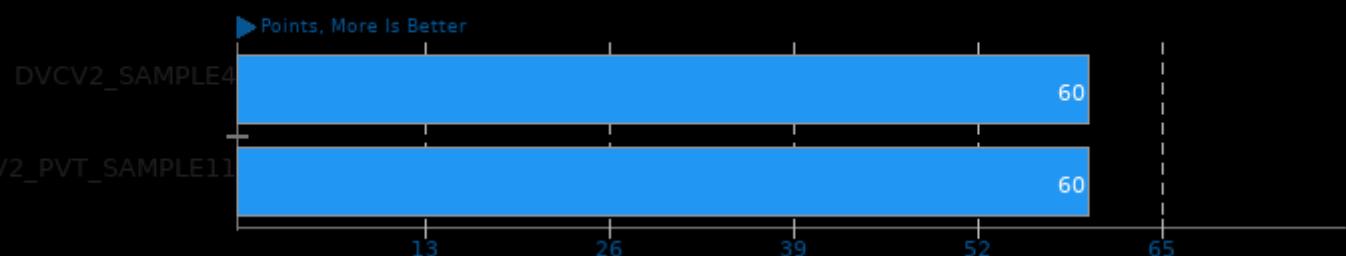
Test: Pixmark Piano - Resolution: 1440 x 900 - Mode: Fullscreen

**GpuTest 0.7.0**

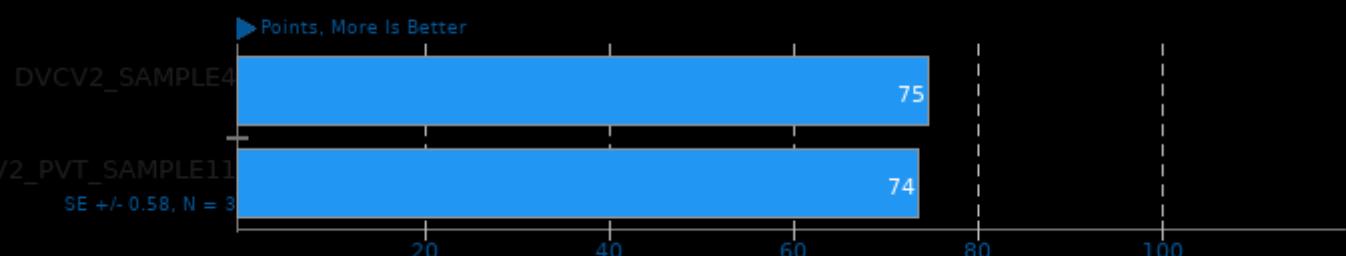
Test: Pixmark Piano - Resolution: 1600 x 900 - Mode: Fullscreen

**GpuTest 0.7.0**

Test: Pixmark Piano - Resolution: 2880 x 480 - Mode: Fullscreen

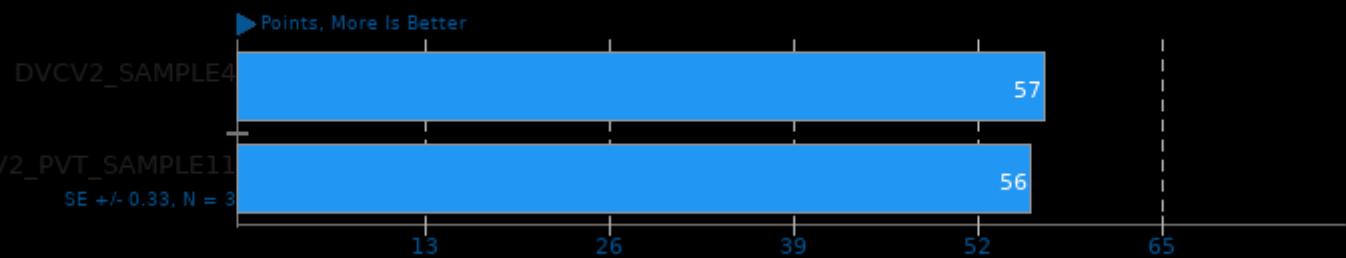
**GpuTest 0.7.0**

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

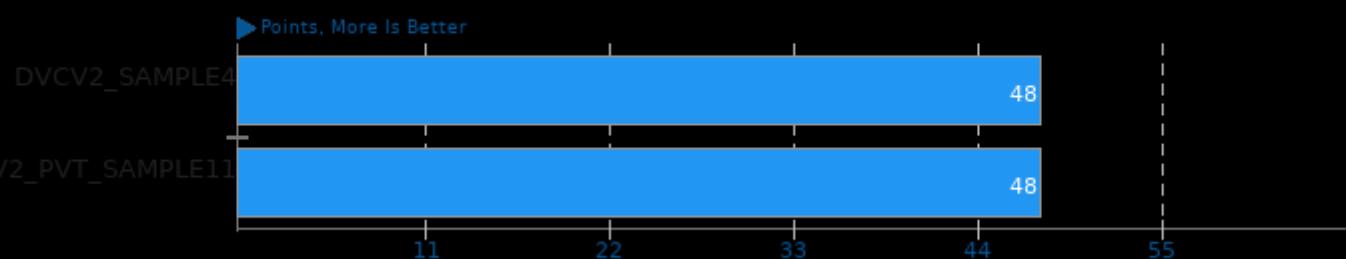


GpuTest 0.7.0

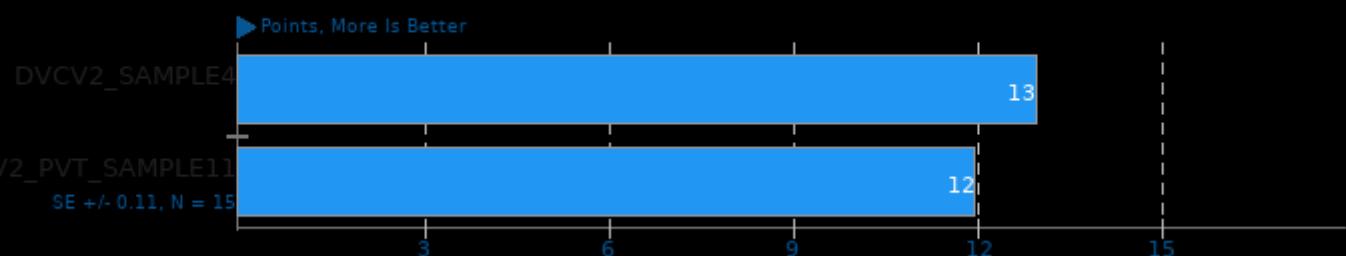
Test: Pixmark Piano - Resolution: 1680 x 1050 - Mode: Fullscreen

**GpuTest 0.7.0**

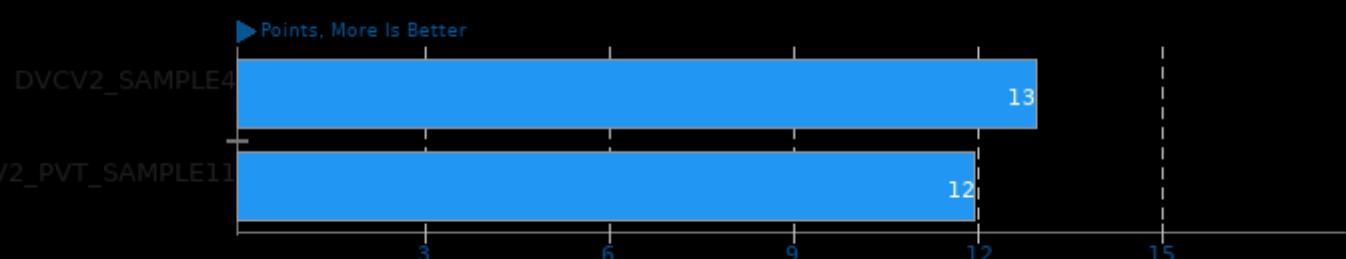
Test: Pixmark Piano - Resolution: 1920 x 1080 - Mode: Fullscreen

**GpuTest 0.7.0**

Test: Pixmark Piano - Resolution: 3840 x 2160 - Mode: Fullscreen

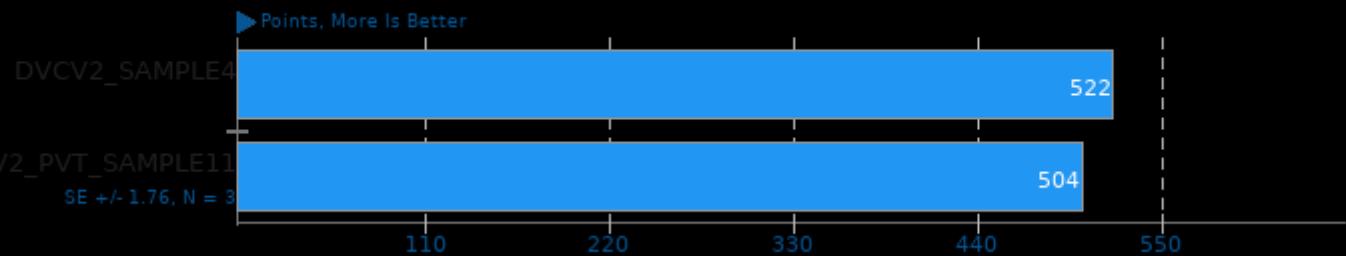
**GpuTest 0.7.0**

Test: Pixmark Piano - Resolution: 4096 x 2160 - Mode: Fullscreen

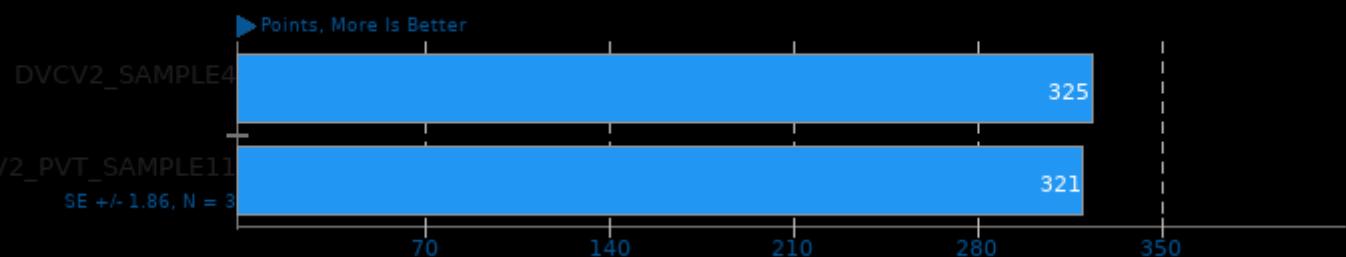


GpuTest 0.7.0

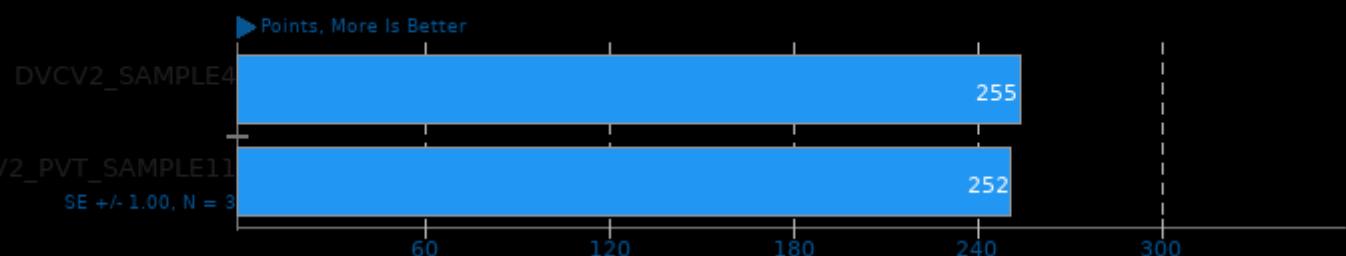
Test: Pixmark Volplosion - Resolution: 800 x 600 - Mode: Fullscreen

**GpuTest 0.7.0**

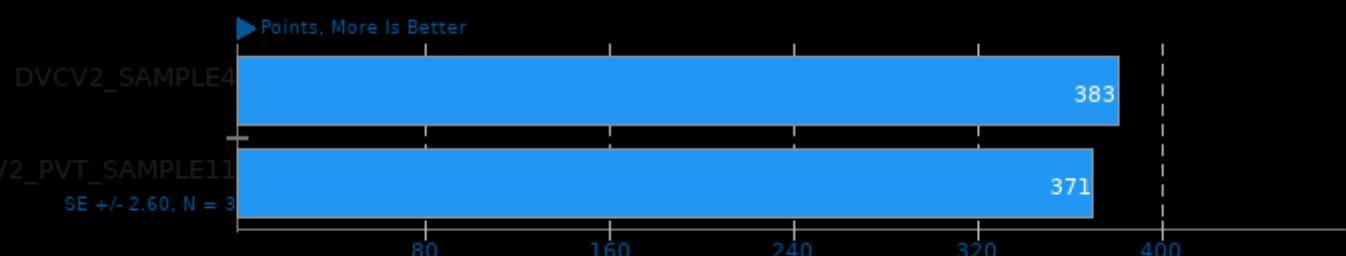
Test: Pixmark Volplosion - Resolution: 1024 x 768 - Mode: Fullscreen

**GpuTest 0.7.0**

Test: Pixmark Volplosion - Resolution: 1280 x 800 - Mode: Fullscreen

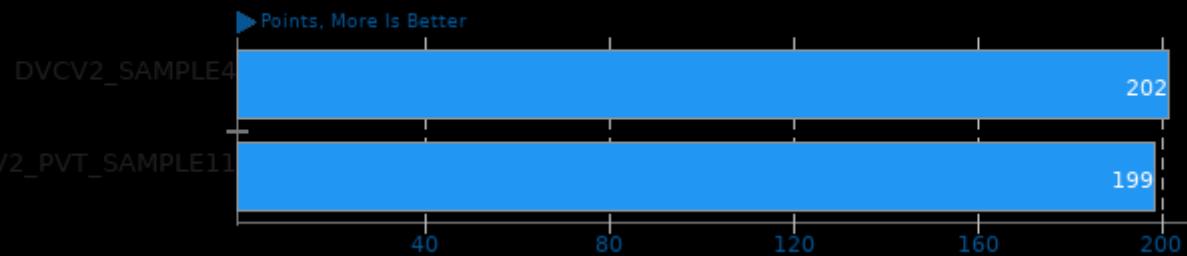
**GpuTest 0.7.0**

Test: Pixmark Volplosion - Resolution: 1440 x 480 - Mode: Fullscreen

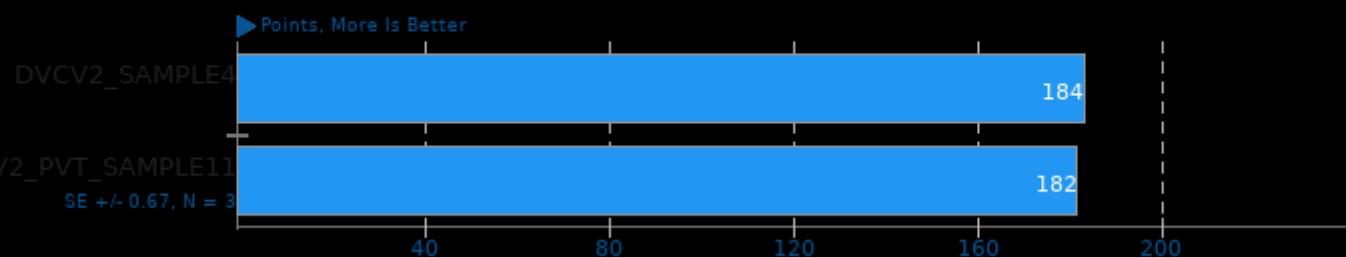


DVCV2_SAMPLE4**GpuTest 0.7.0**

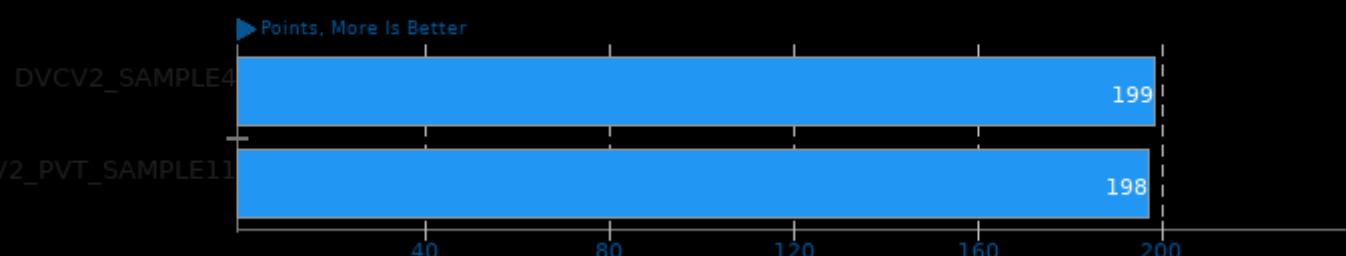
Test: Pixmark Volplosion - Resolution: 1440 x 900 - Mode: Fullscreen

**GpuTest 0.7.0**

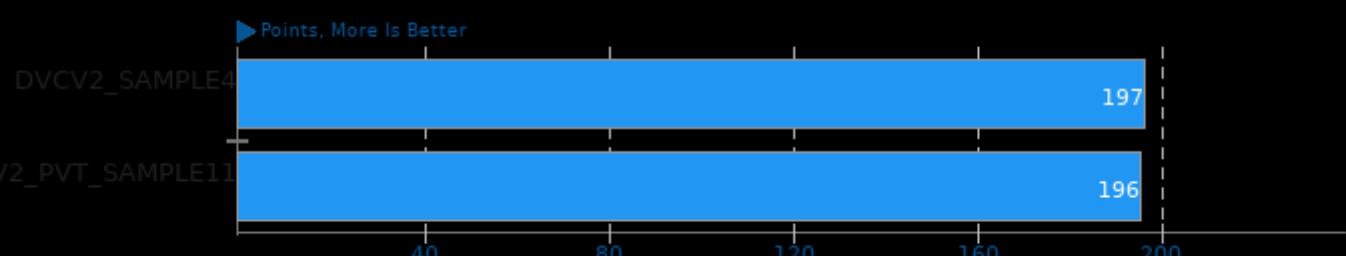
Test: Pixmark Volplosion - Resolution: 1600 x 900 - Mode: Fullscreen

**GpuTest 0.7.0**

Test: Pixmark Volplosion - Resolution: 2880 x 480 - Mode: Fullscreen

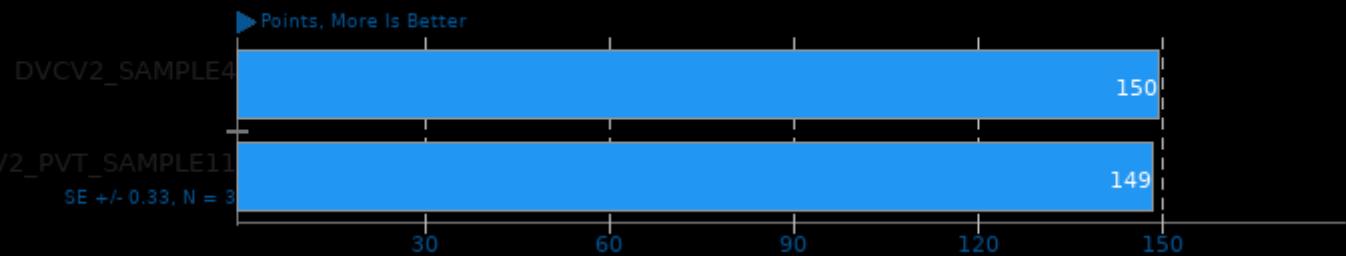
**GpuTest 0.7.0**

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

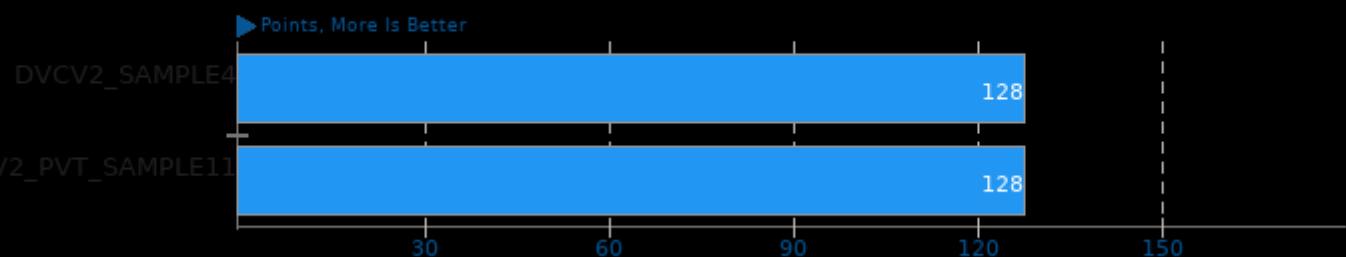


GpuTest 0.7.0

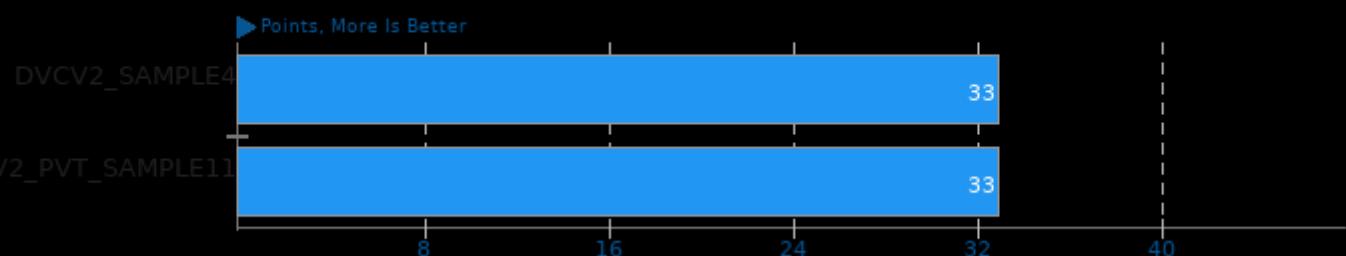
Test: Pixmark Volplosion - Resolution: 1680 x 1050 - Mode: Fullscreen

**GpuTest 0.7.0**

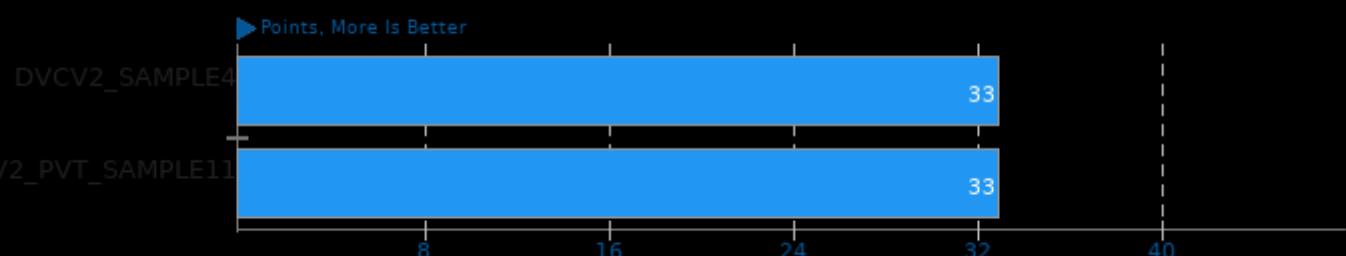
Test: Pixmark Volplosion - Resolution: 1920 x 1080 - Mode: Fullscreen

**GpuTest 0.7.0**

Test: Pixmark Volplosion - Resolution: 3840 x 2160 - Mode: Fullscreen

**GpuTest 0.7.0**

Test: Pixmark Volplosion - Resolution: 4096 x 2160 - Mode: Fullscreen



This file was automatically generated via the Phoronix Test Suite benchmarking software on Friday, 29 March 2024 11:45.