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DVCV2_SAMPLE4

DVCV2_PVT_SAMPLE09

Automated Executive Summary

DVCV2_SAMPLE4 had the most wins, coming in first place for 95% of the tests.

Based on the geometric mean of all complete results, the fastest (DVCV2_SAMPLE4) was 1.023x the speed of the slowest (DVCV2_PVT_SAMPLE12).

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

*GpuTest (Test: Pixmark Piano - Resolution: 4096 x 2160 - Mode: Fullscreen) at 1.083x
GpuTest (Test: Pixmark Piano - Resolution: 3840 x 2160 - Mode: Fullscreen) at 1.083x
GpuTest (Test: Furmark - Resolution: 1920 x 1080 - Mode: Fullscreen) at 1.079x
GpuTest (Test: Plot3D - Resolution: 1024 x 768 - Mode: Fullscreen) at 1.073x
GpuTest (Test: Plot3D - Resolution: 800 x 600 - Mode: Fullscreen) at 1.065x
GpuTest (Test: Plot3D - Resolution: 1440 x 480 - Mode: Fullscreen) at 1.065x
GpuTest (Test: Plot3D - Resolution: 2880 x 480 - Mode: Fullscreen) at 1.061x
GpuTest (Test: Plot3D - Resolution: 1280 x 1024 - Mode: Fullscreen) at 1.06x
GpuTest (Test: Plot3D - Resolution: 1280 x 800 - Mode: Fullscreen) at 1.06x
GpuTest (Test: Plot3D - Resolution: 1440 x 900 - Mode: Fullscreen) at 1.06x.*

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 retrpoline IBPB IBRS_FW Protection

DVCV2_PVT_SAMPLE12

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 - Thermal 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 retrpoline IBPB IBRS_FW

	DVCV2_SAMPLE4	DVCV2_PVT_SAMPLE12
GpuTest - Pixmark Piano - 4096 x 2160 - Fullscreen (Points)	13	12
Normalized	100%	92.31%
GpuTest - Pixmark Piano - 3840 x 2160 - Fullscreen (Points)	13	12
Normalized	100%	92.31%
GpuTest - Furmark - 1920 x 1080 - Fullscreen (Points)	227	245
Normalized	92.65%	100%
Standard Deviation	5%	
GpuTest - Plot3D - 1024 x 768 - Fullscreen (Points)	4487	4182
Normalized	100%	93.2%
Standard Deviation	0.3%	0.4%
GpuTest - Plot3D - 800 x 600 - Fullscreen (Points)	4692	4405
Normalized	100%	93.88%
Standard Deviation	0.2%	1.7%
GpuTest - Plot3D - 1440 x 480 - Fullscreen (Points)	4195	3940

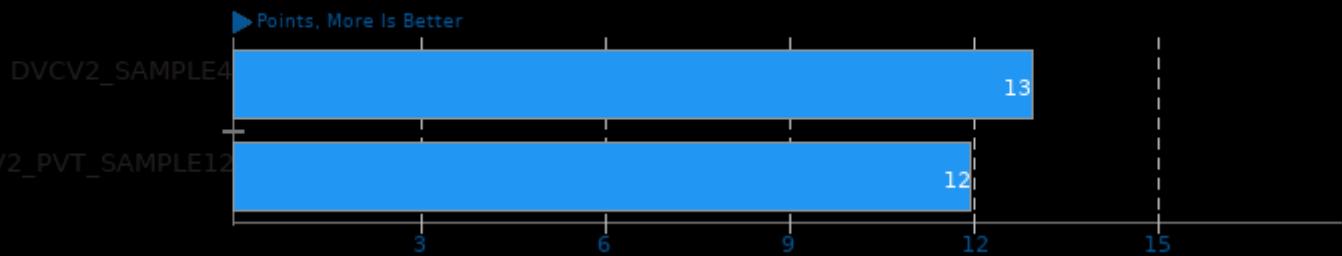
	Normalized	100%	93.92%
	Standard Deviation	0.1%	0.2%
GpuTest - Plot3D - 2880 x 480 -Fullscreen (Points)	4073	3839	
	Normalized	100%	94.25%
	Standard Deviation	0.1%	0.3%
GpuTest - Plot3D - 1280 x 1024 -Fullscreen (Points)	4177	3939	
	Normalized	100%	94.3%
	Standard Deviation	0.3%	0.1%
GpuTest - Plot3D - 1280 x 800 -Fullscreen (Points)	4210	3972	
	Normalized	100%	94.35%
	Standard Deviation	0.2%	0.6%
GpuTest - Plot3D - 1440 x 900 -Fullscreen (Points)	4071	3842	
	Normalized	100%	94.37%
	Standard Deviation	0.2%	0.1%
GpuTest - Plot3D - 1920 x 1080 -Fullscreen (Points)	3833	3629	
	Normalized	100%	94.68%
	Standard Deviation	0.2%	0.4%
GpuTest - Triangle - 1024 x 768 -Fullscreen (Points)	45995	43582	
	Normalized	100%	94.75%
	Standard Deviation	0.3%	0.8%
GpuTest - Furmark - 4096 x 2160 -Fullscreen (Points)	75	79	
	Normalized	94.94%	100%
	Standard Deviation	3.3%	
GpuTest - Triangle - 2880 x 480 -Fullscreen (Points)	28460	27052	
	Normalized	100%	95.05%
	Standard Deviation	0.1%	0.4%
GpuTest - Triangle - 800 x 600 -Fullscreen (Points)	66698	63491	
	Normalized	100%	95.19%
	Standard Deviation	0.2%	0.2%
GpuTest - Plot3D - 1600 x 900 -Fullscreen (Points)	3978	3791	
	Normalized	100%	95.3%
	Standard Deviation	0.3%	0%
GpuTest - Triangle - 1680 x 1050 -Fullscreen (Points)	23054	22007	
	Normalized	100%	95.46%
	Standard Deviation	0.3%	0.6%
GpuTest - Plot3D - 1680 x 1050 -Fullscreen (Points)	3909	3740	
	Normalized	100%	95.68%
	Standard Deviation	0.1%	0.1%
GpuTest - Triangle - 1920 x 1080 -Fullscreen (Points)	20403	19588	
	Normalized	100%	96.01%
	Standard Deviation	1.3%	1.9%
GpuTest - Furmark - 3840 x 2160 -Fullscreen (Points)	76	79	
	Normalized	96.2%	100%
	Standard Deviation	3.1%	
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	319	
	Normalized	100%	96.37%
	Standard Deviation		0.2%
GpuTest - Furmark - 2880 x 480 -Fullscreen (Points)	663	639	
	Normalized	100%	96.38%
	Standard Deviation	0.2%	0.1%
GpuTest - Furmark - 1280 x 800 -Fullscreen (Points)	389	375	
	Normalized	100%	96.4%

GpuTest - Furmark - 1024 x 768 - Fullscreen (Points)	412	398
Normalized	100%	96.6%
Standard Deviation		0.4%
GpuTest - Furmark - 1280 x 1024 - Fullscreen (Points)	276	267
Normalized	100%	96.74%
Standard Deviation		0.2%
GpuTest - Triangle - 4096 x 2160 - Fullscreen (Points)	6860	6643
Normalized	100%	96.84%
Standard Deviation	0.5%	0.1%
GpuTest - Triangle - 1280 x 1024 - Fullscreen (Points)	29794	28913
Normalized	100%	97.04%
Standard Deviation	0.3%	1.6%
GpuTest - Furmark - 800 x 600 - Fullscreen (Points)	547	531
Normalized	100%	97.07%
Standard Deviation		0.3%
GpuTest - Plot3D - 4096 x 2160 - Fullscreen (Points)	2373	2306
Normalized	100%	97.18%
Standard Deviation	0.2%	0.3%
GpuTest - Triangle - 3840 x 2160 - Fullscreen (Points)	6835	6646
Normalized	100%	97.23%
Standard Deviation	0.2%	0.3%
GpuTest - Plot3D - 3840 x 2160 - Fullscreen (Points)	2377	2313
Normalized	100%	97.31%
Standard Deviation	1.4%	0.6%
GpuTest - Pixmark Piano - 1680 x 1050 - Fullscreen (Points)	57	56
Normalized	100%	98.25%
GpuTest - Triangle - 1440 x 480 - Fullscreen (Points)	50456	49672
Normalized	100%	98.45%
Standard Deviation	0.1%	1%
GpuTest - Pixmark Volplosion - 800 x 600 - Fullscreen (Points)	522	514
Normalized	100%	98.47%
Standard Deviation		0.4%
GpuTest - Pixmark Volplosion - 2880 x 480 - Fullscreen (Points)	199	196
Normalized	100%	98.49%
Standard Deviation		0.8%
GpuTest - Triangle - 1600 x 900 - Fullscreen (Points)	27507	27099
Normalized	100%	98.52%
Standard Deviation	0.5%	1.9%
GpuTest - Triangle - 1280 x 800 - Fullscreen (Points)	36651	36126
Normalized	100%	98.57%
Standard Deviation	0.3%	2.4%
GpuTest - Pixmark Piano - 1280 x 800 - Fullscreen (Points)	97	96
Normalized	100%	98.97%
GpuTest - Pixmark Volplosion - 1280 x 1024 - Fullscreen (Points)	197	195
Normalized	100%	98.98%
Standard Deviation		0.6%
GpuTest - Pixmark Volplosion - 1280 x 800 - Fullscreen (Points)	255	253
Normalized	100%	99.22%

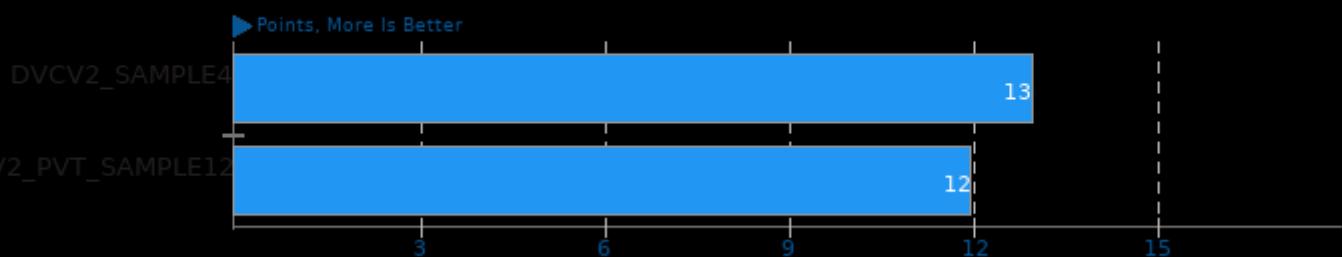
GpuTest - Pixmark Volplosion - 1440 x 480 -	383	380
Fullscreen (Points)		
Normalized	100%	99.22%
GpuTest - Pixmark Volplosion - 1920 x 1080 -	128	127
Fullscreen (Points)		
Normalized	100%	99.22%
GpuTest - Pixmark Piano - 1440 x 480 - Fullscreen	145	144
(Points)		
Normalized	100%	99.31%
Standard Deviation		0.4%
GpuTest - Pixmark Volplosion - 1680 x 1050 -	150	149
Fullscreen (Points)		
Normalized	100%	99.33%
GpuTest - Furmark - 1600 x 900 - Fullscreen (Points)	321	319
(Points)		
Normalized	100%	99.38%
Standard Deviation	3%	
GpuTest - Pixmark Volplosion - 1024 x 768 -	325	323
Fullscreen (Points)		
Normalized	100%	99.38%
Standard Deviation		0.2%
GpuTest - Pixmark Volplosion - 1600 x 900 -	184	183
Fullscreen (Points)		
Normalized	100%	99.46%
GpuTest - Triangle - 1440 x 900 - Fullscreen (Points)	29986	29829
(Points)		
Normalized	100%	99.48%
Standard Deviation	0.5%	2.2%
GpuTest - Pixmark Piano - 800 x 600 - Fullscreen	200	199
(Points)		
Normalized	100%	99.5%
GpuTest - Furmark - 1680 x 1050 - Fullscreen (Points)	257	256
(Points)		
Normalized	100%	99.61%
Standard Deviation	3.3%	
GpuTest - Pixmark Volplosion - 4096 x 2160 -	33	33
Fullscreen (Points)		
GpuTest - Pixmark Volplosion - 3840 x 2160 -	33	33
Fullscreen (Points)		
GpuTest - Pixmark Volplosion - 1440 x 900 -	202	202
Fullscreen (Points)		
GpuTest - Pixmark Piano - 1920 x 1080 - Fullscreen	48	48
(Points)		
GpuTest - Pixmark Piano - 1280 x 1024 - Fullscreen	75	75
(Points)		
GpuTest - Pixmark Piano - 2880 x 480 - Fullscreen	60	60
(Points)		
GpuTest - Pixmark Piano - 1600 x 900 - Fullscreen	69	69
(Points)		
GpuTest - Pixmark Piano - 1440 x 900 - Fullscreen	77	77
(Points)		
GpuTest - Pixmark Piano - 1024 x 768 - Fullscreen	124	124
(Points)		

GpuTest 0.7.0

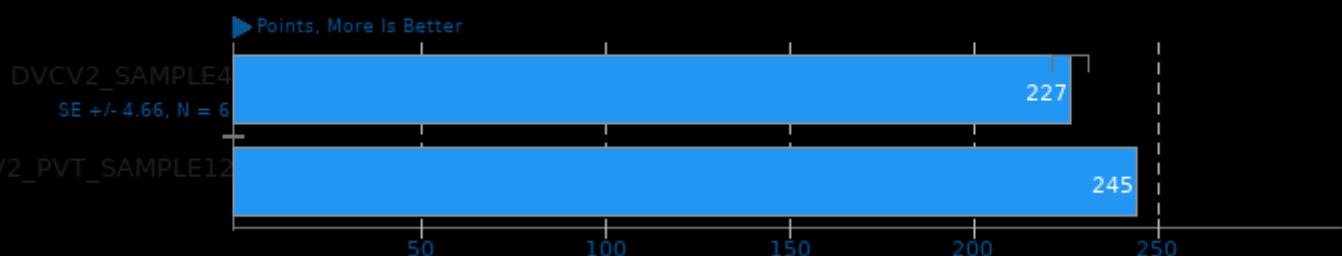
Test: Pixmark Piano - Resolution: 4096 x 2160 - Mode: Fullscreen

**GpuTest 0.7.0**

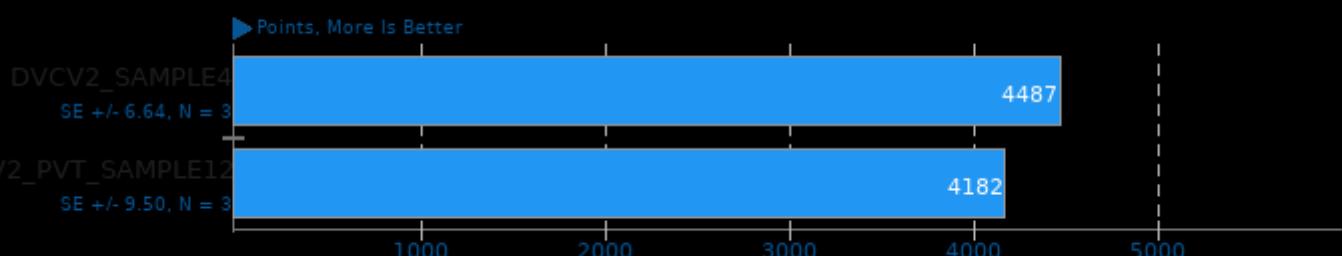
Test: Pixmark Piano - Resolution: 3840 x 2160 - Mode: Fullscreen

**GpuTest 0.7.0**

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

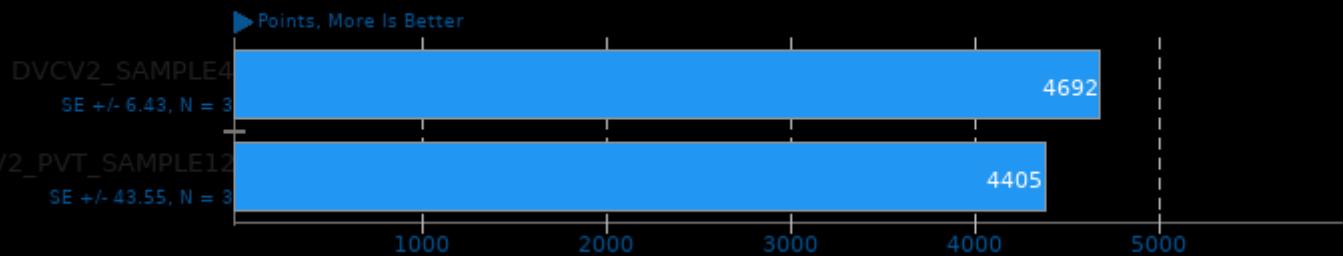
**GpuTest 0.7.0**

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

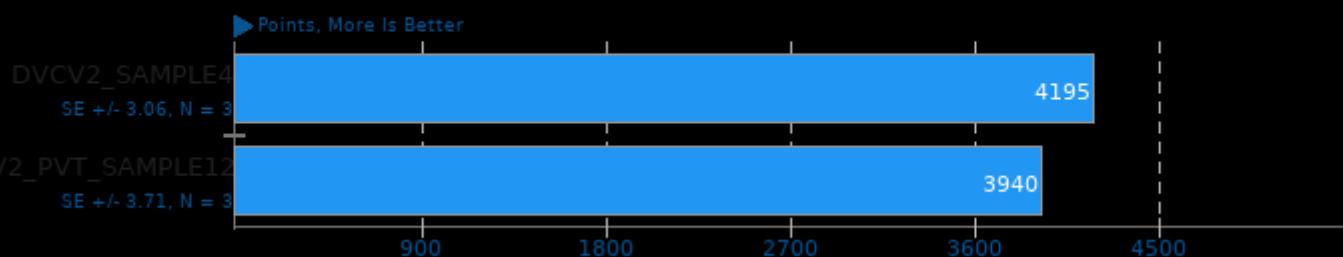


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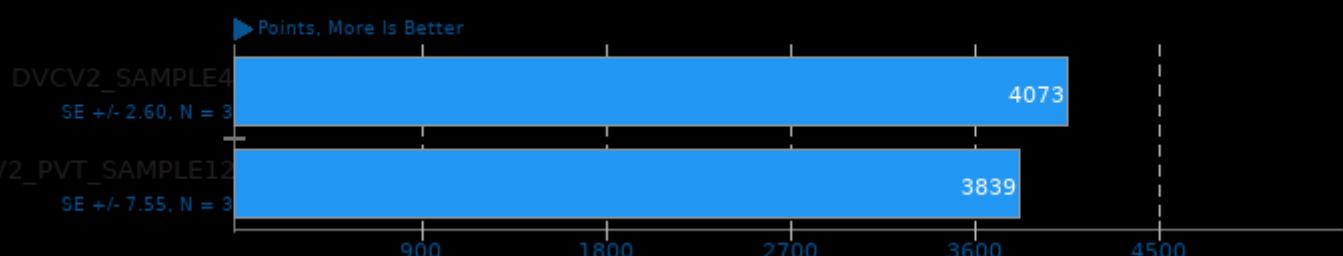
Test: Plot3D - Resolution: 800 x 600 - Mode: Fullscreen

**GpuTest 0.7.0**

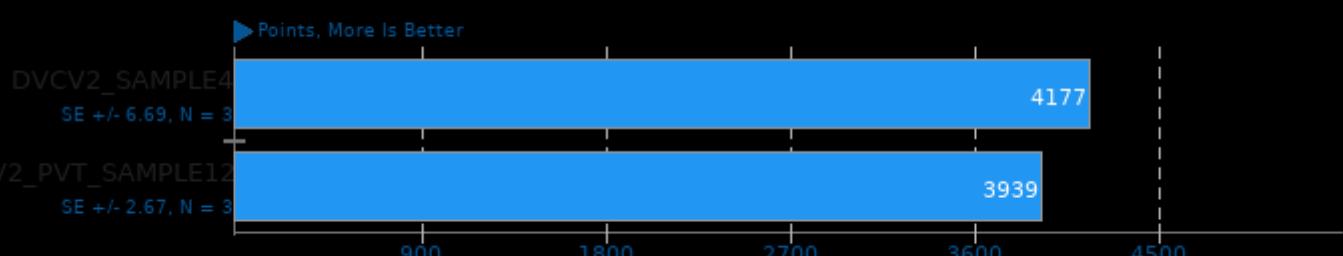
Test: Plot3D - Resolution: 1440 x 480 - Mode: Fullscreen

**GpuTest 0.7.0**

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

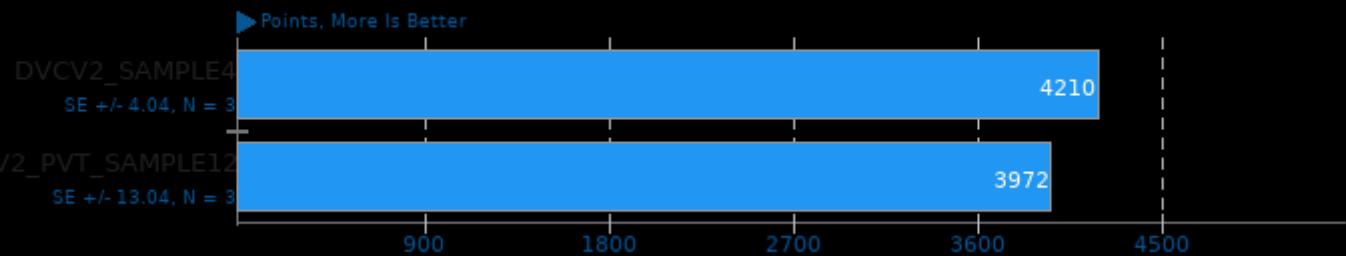
**GpuTest 0.7.0**

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

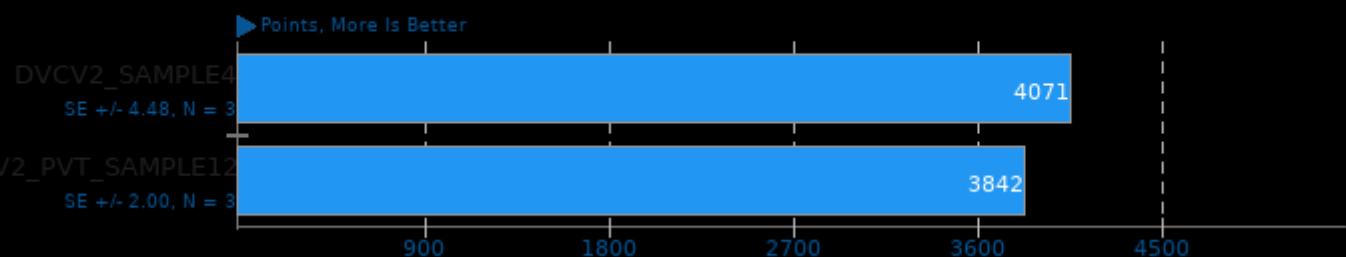


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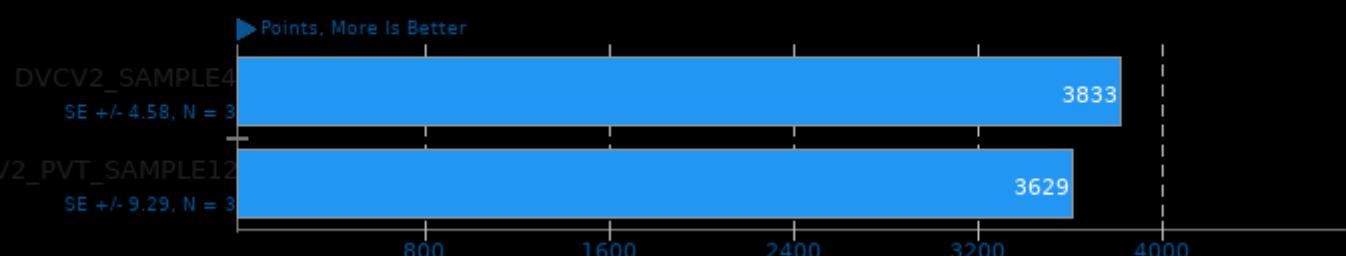
Test: Plot3D - Resolution: 1280 x 800 - Mode: Fullscreen

**GpuTest 0.7.0**

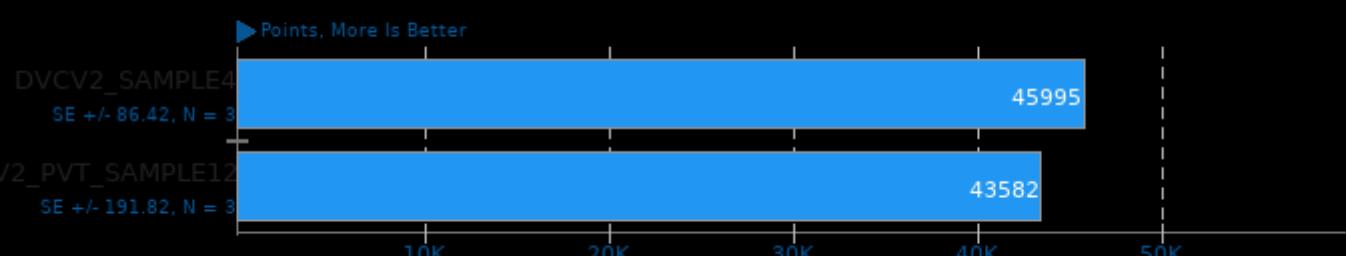
Test: Plot3D - Resolution: 1440 x 900 - Mode: Fullscreen

**GpuTest 0.7.0**

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

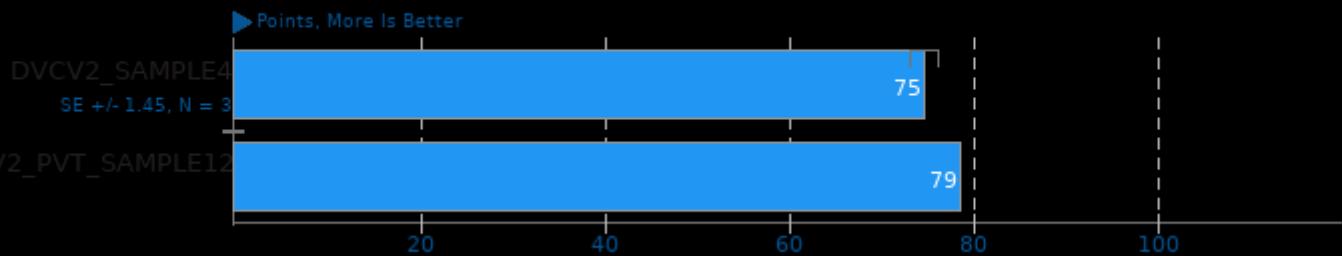
**GpuTest 0.7.0**

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



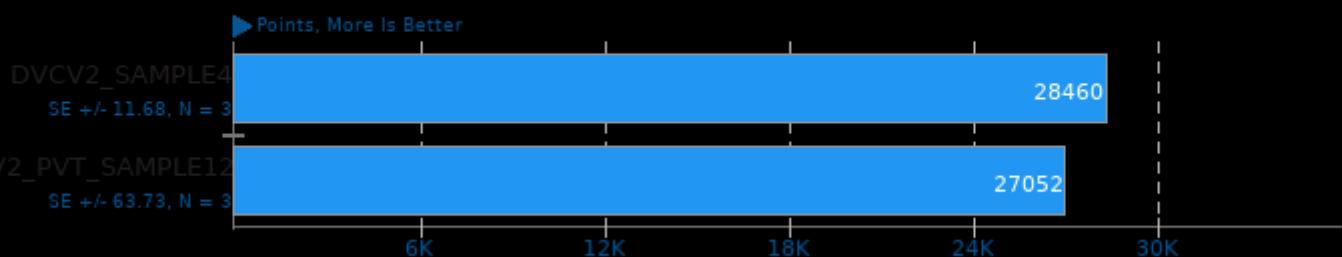
GpuTest 0.7.0

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



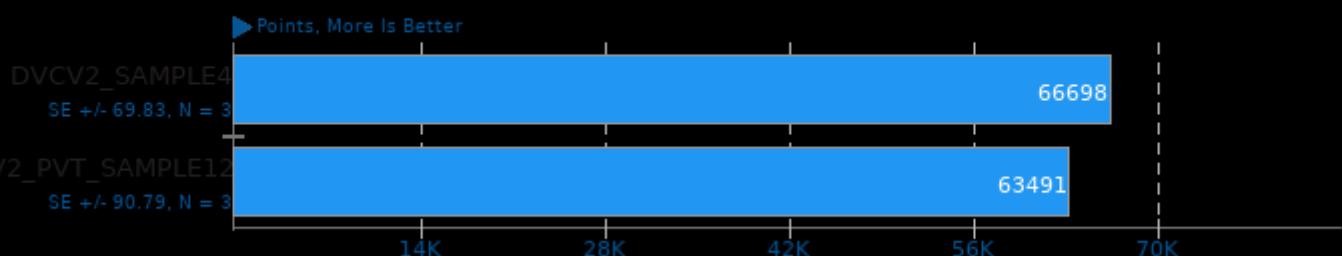
GpuTest 0.7.0

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



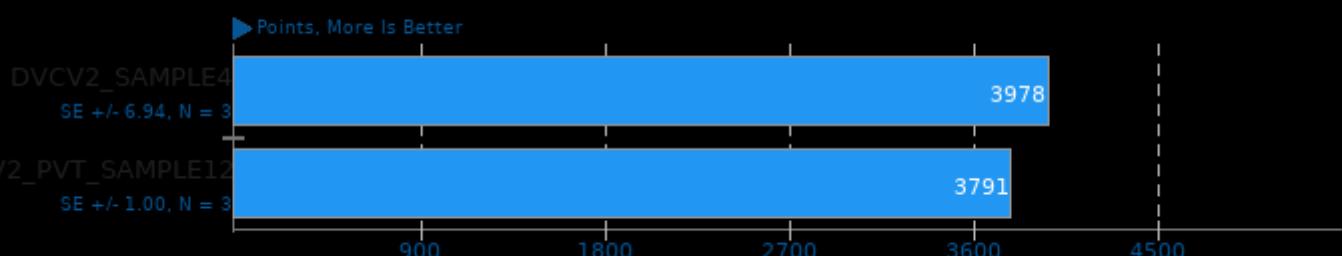
GpuTest 0.7.0

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



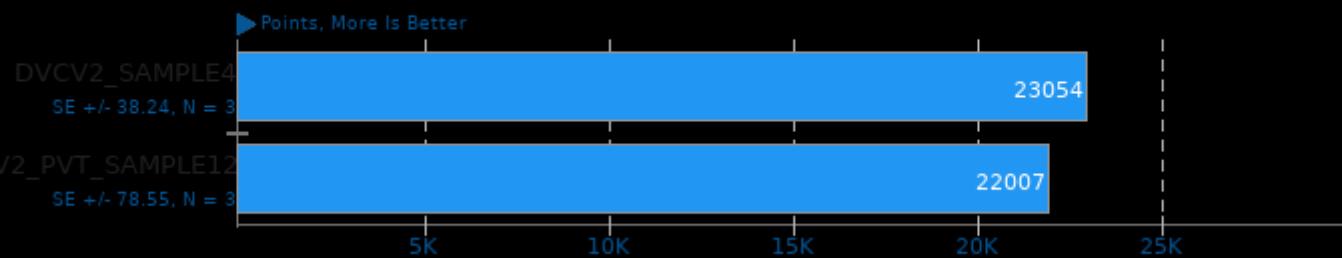
GpuTest 0.7.0

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

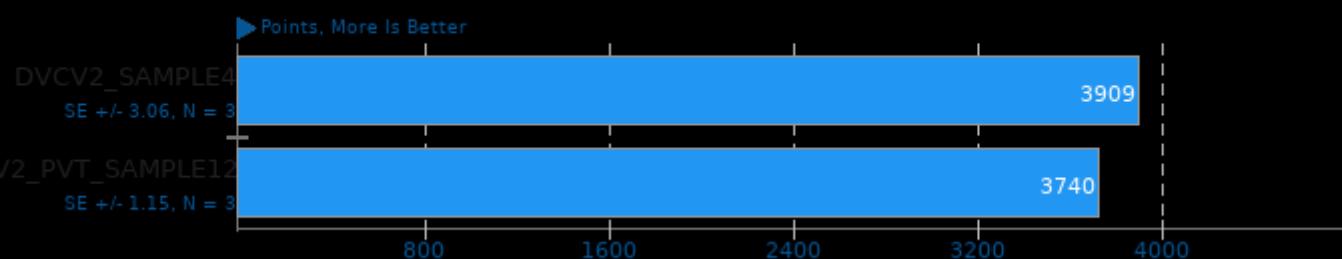


GpuTest 0.7.0

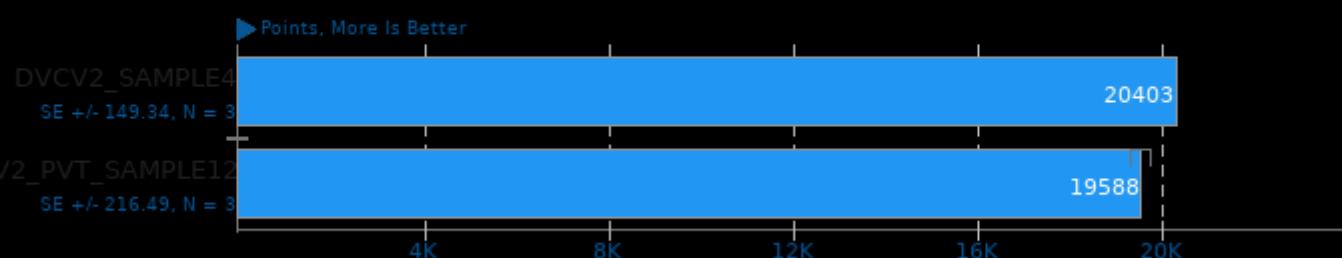
Test: Triangle - Resolution: 1680 x 1050 - Mode: Fullscreen

**GpuTest 0.7.0**

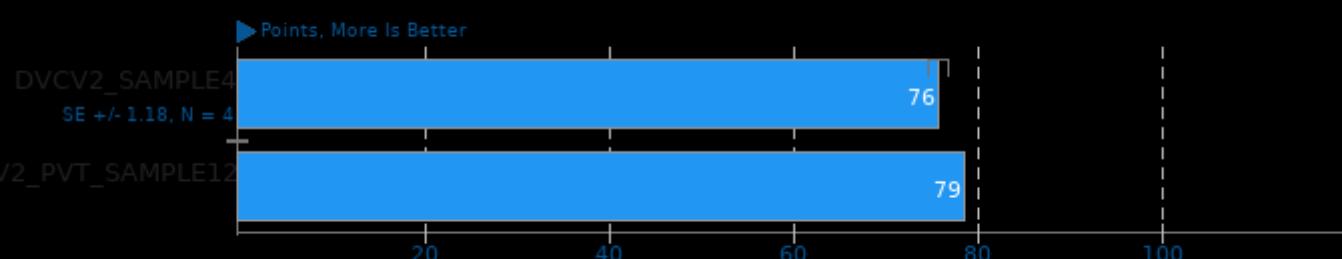
Test: Plot3D - Resolution: 1680 x 1050 - Mode: Fullscreen

**GpuTest 0.7.0**

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

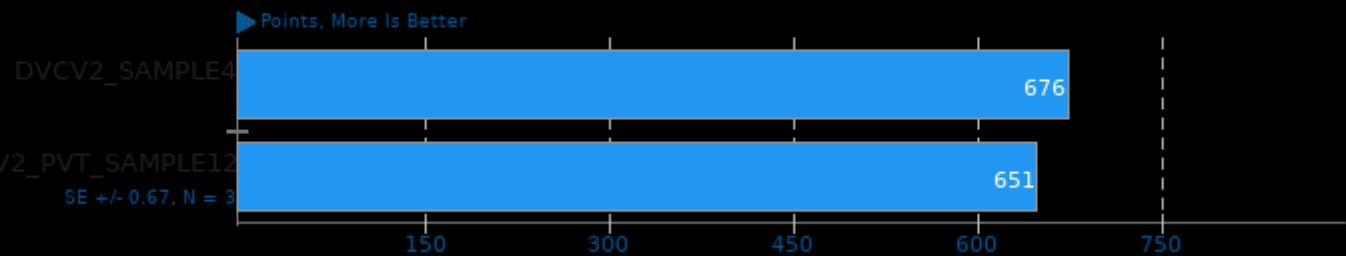
**GpuTest 0.7.0**

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

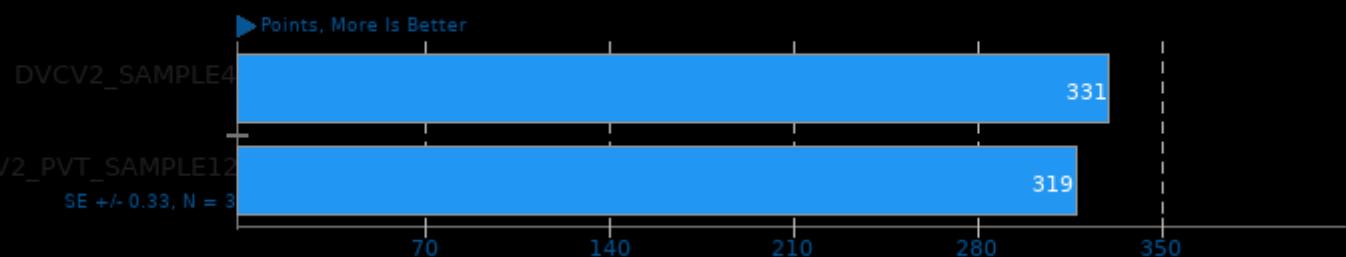


GpuTest 0.7.0

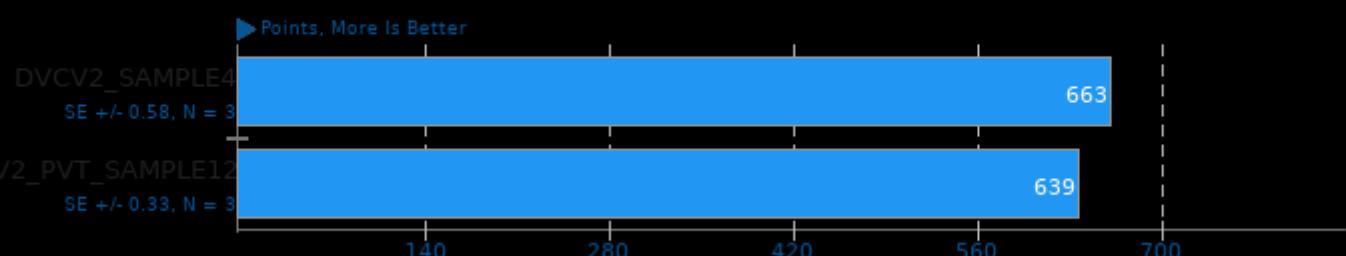
Test: Furmark - Resolution: 1440 x 480 - Mode: Fullscreen

**GpuTest 0.7.0**

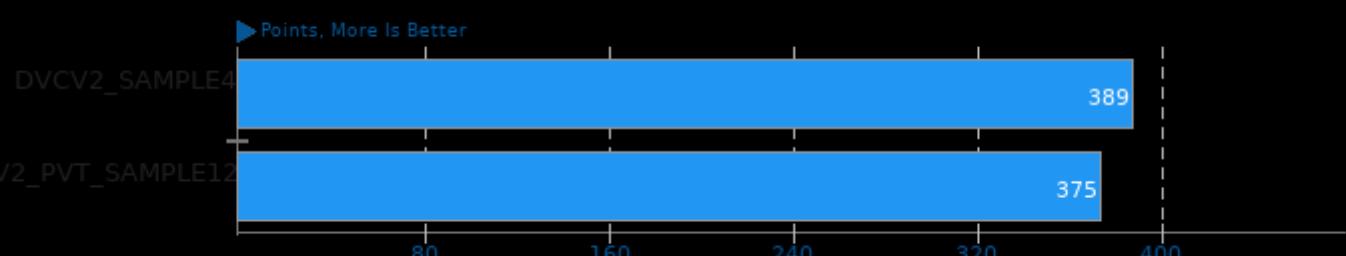
Test: Furmark - Resolution: 1440 x 900 - Mode: Fullscreen

**GpuTest 0.7.0**

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

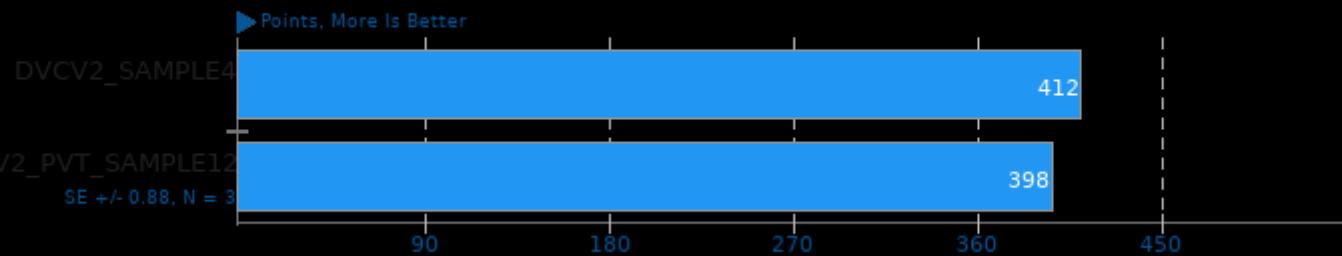
**GpuTest 0.7.0**

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



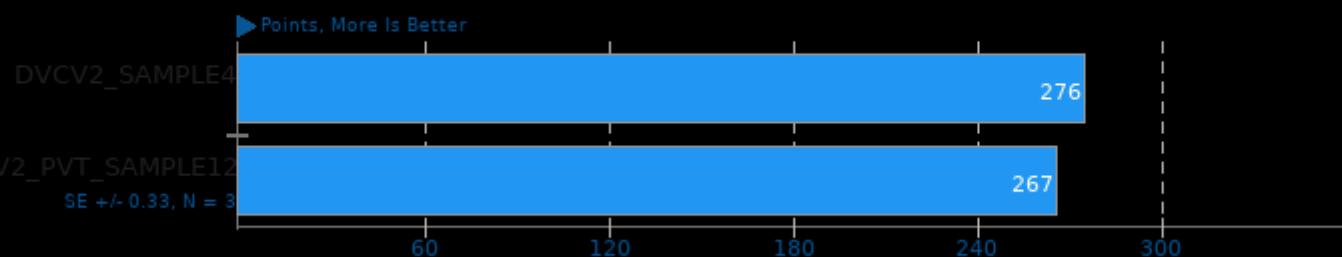
GpuTest 0.7.0

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



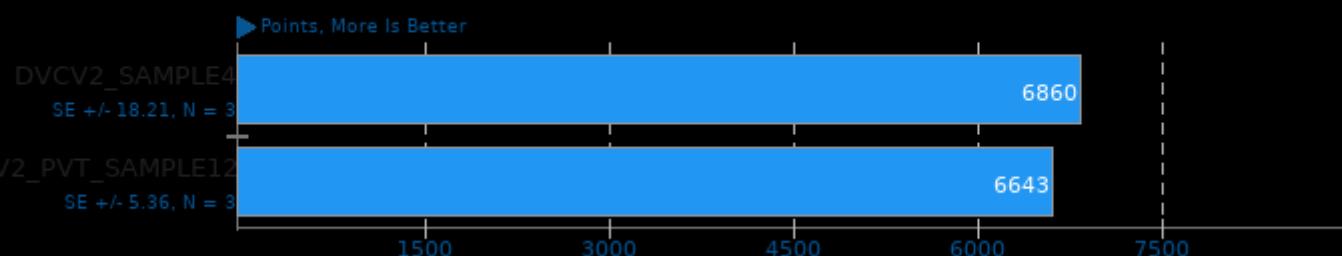
GpuTest 0.7.0

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



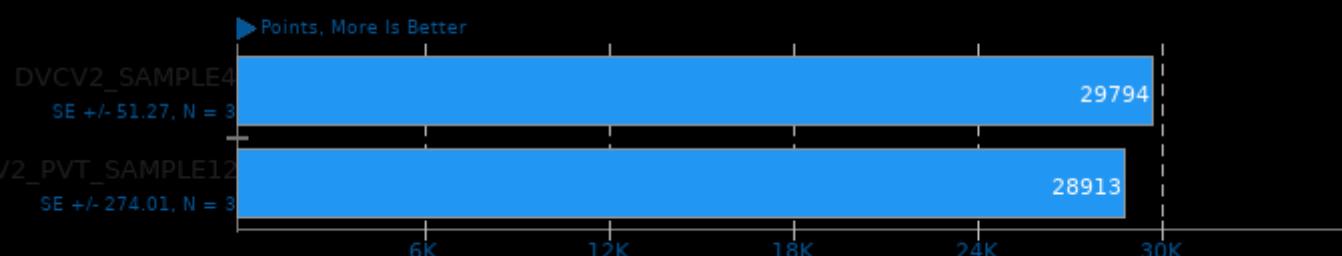
GpuTest 0.7.0

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



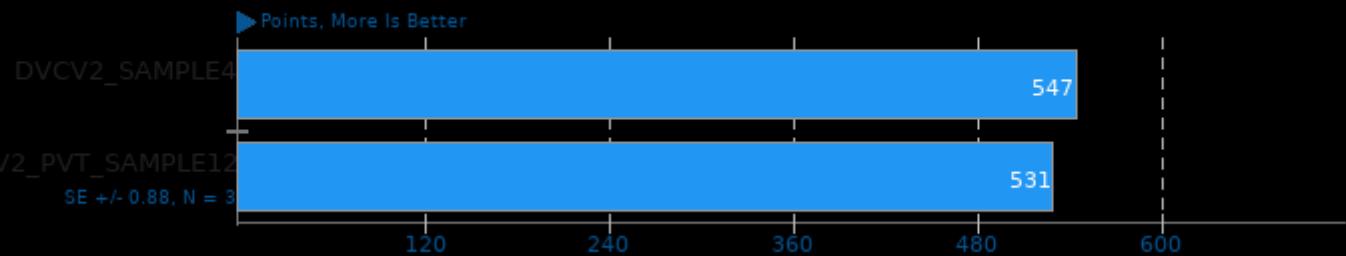
GpuTest 0.7.0

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

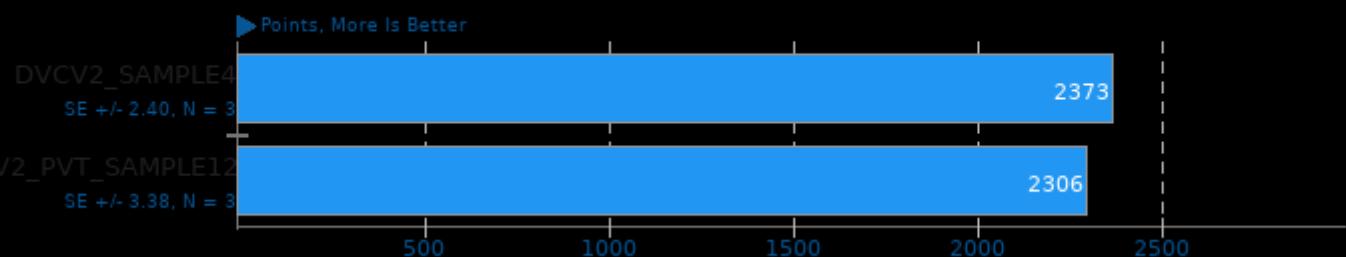


GpuTest 0.7.0

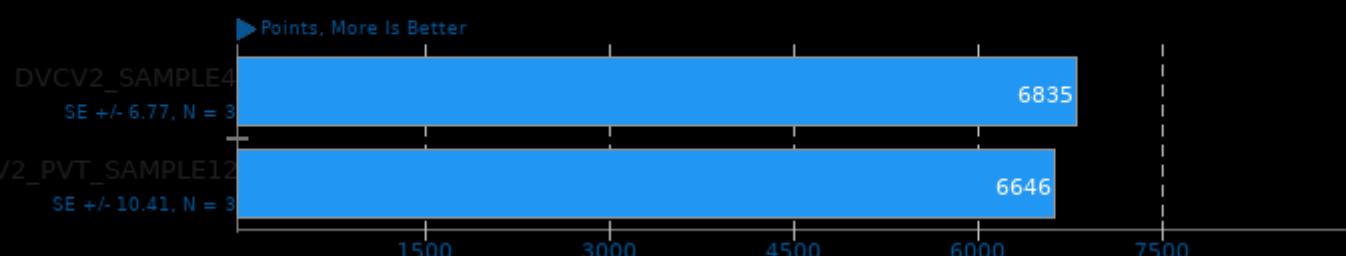
Test: Furmark - Resolution: 800 x 600 - Mode: Fullscreen

**GpuTest 0.7.0**

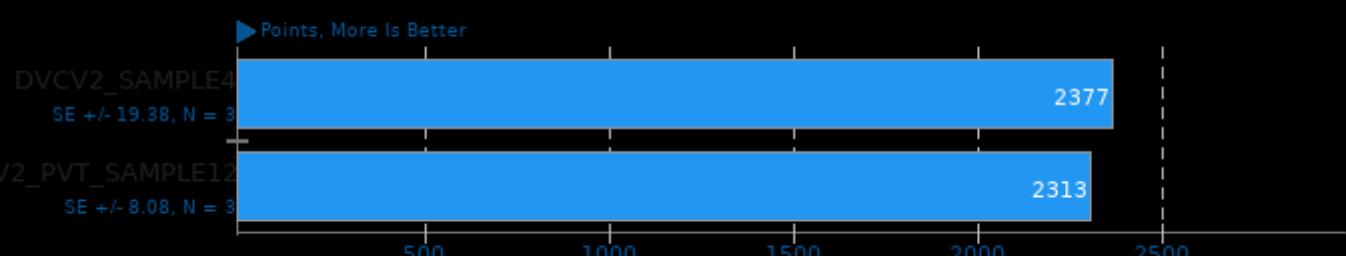
Test: Plot3D - Resolution: 4096 x 2160 - Mode: Fullscreen

**GpuTest 0.7.0**

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

**GpuTest 0.7.0**

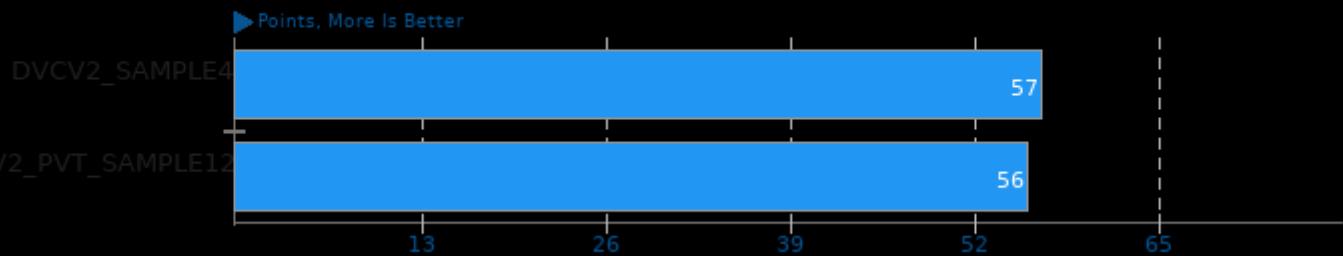
Test: Plot3D - Resolution: 3840 x 2160 - Mode: Fullscreen



DVCV2_SAMPLE4

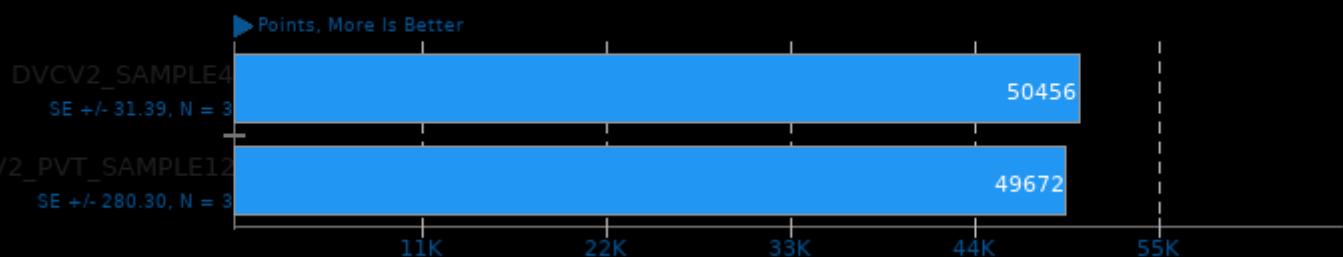
GpuTest 0.7.0

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



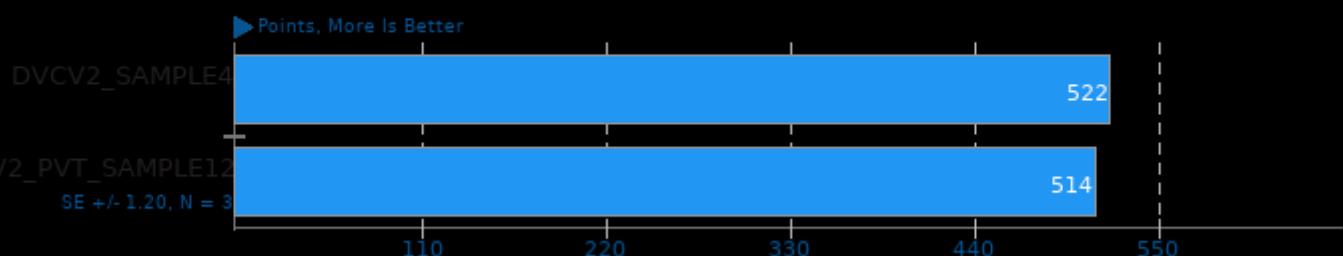
GpuTest 0.7.0

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



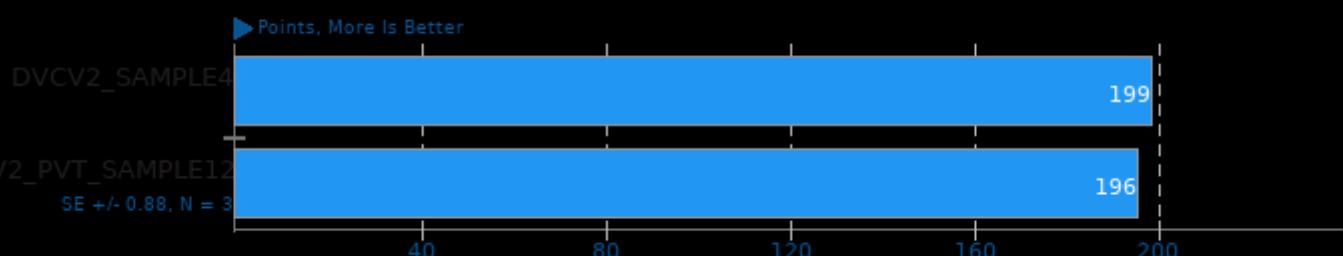
GpuTest 0.7.0

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



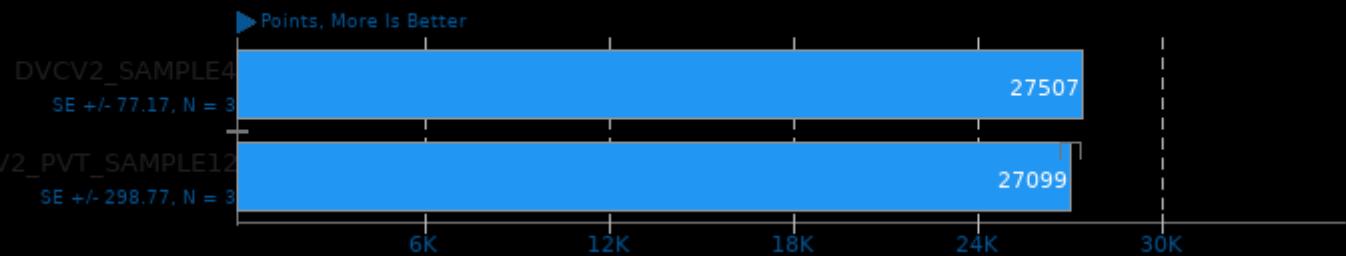
GpuTest 0.7.0

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

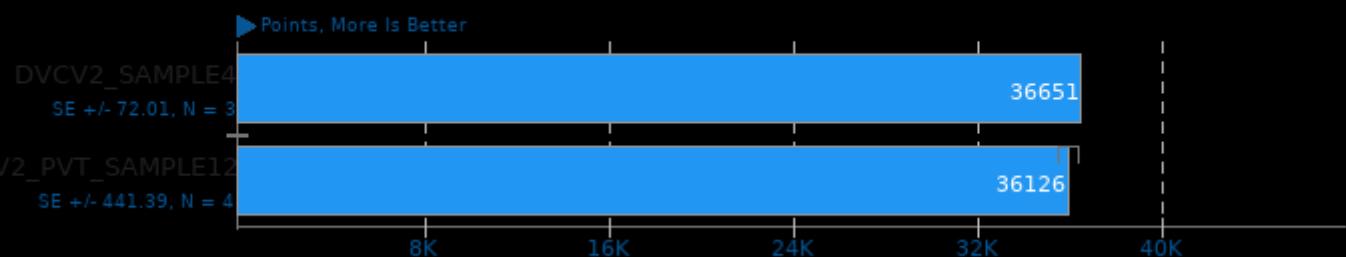


GpuTest 0.7.0

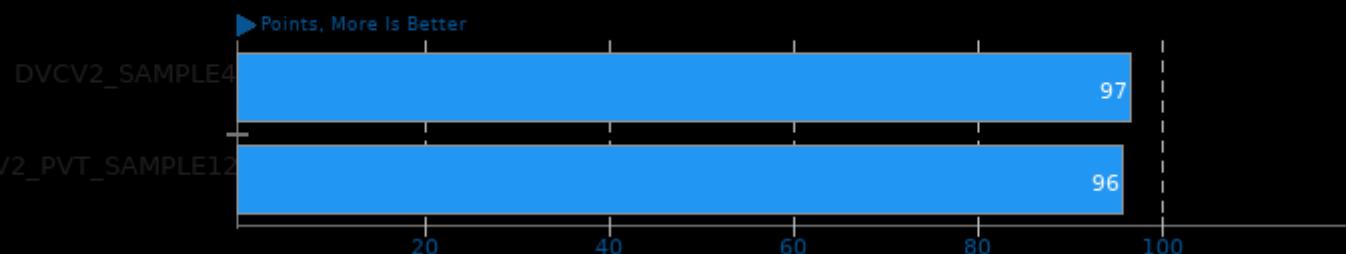
Test: Triangle - Resolution: 1600 x 900 - Mode: Fullscreen

**GpuTest 0.7.0**

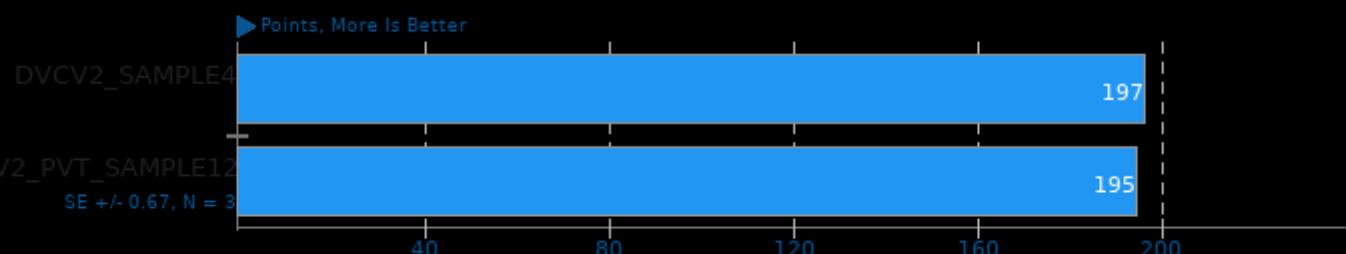
Test: Triangle - Resolution: 1280 x 800 - Mode: Fullscreen

**GpuTest 0.7.0**

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

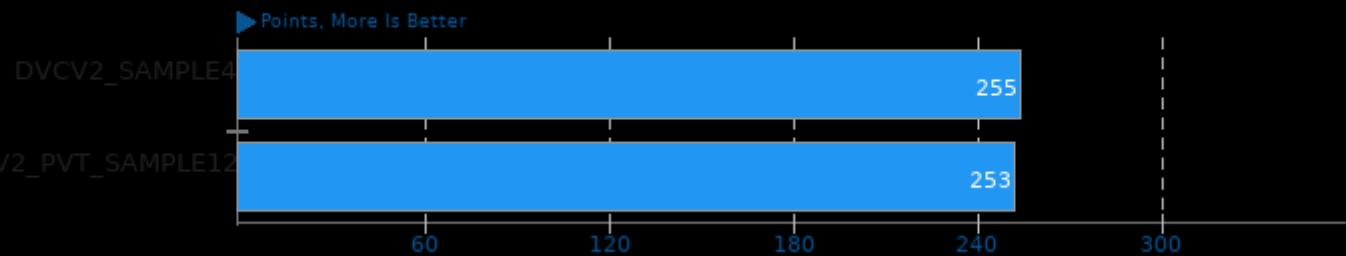
**GpuTest 0.7.0**

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

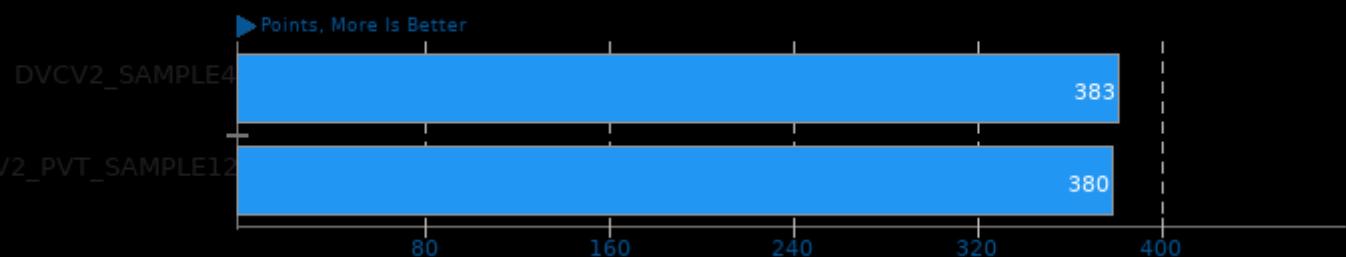


GpuTest 0.7.0

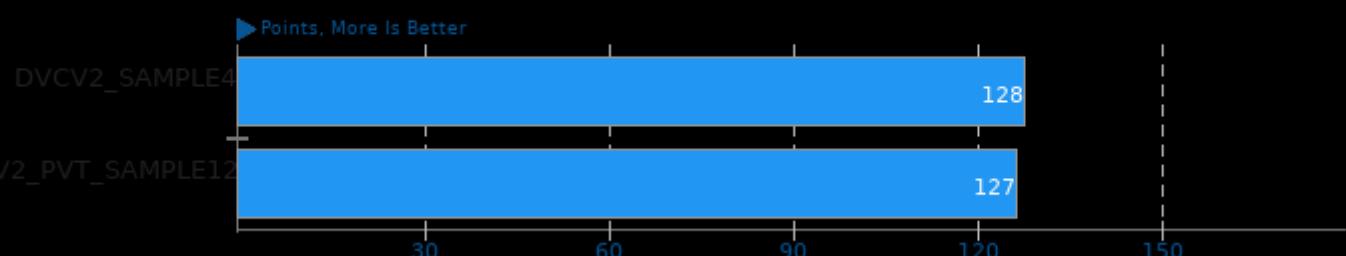
Test: Pixmark Volplosion - Resolution: 1280 x 800 - Mode: Fullscreen

**GpuTest 0.7.0**

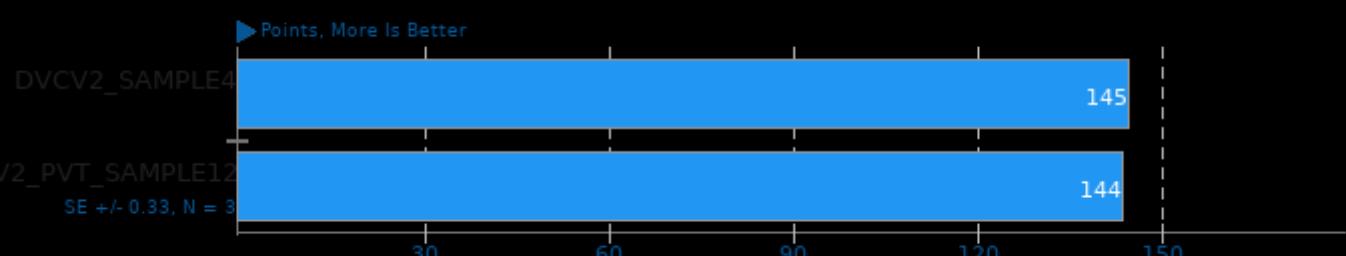
Test: Pixmark Volplosion - Resolution: 1440 x 480 - Mode: Fullscreen

**GpuTest 0.7.0**

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

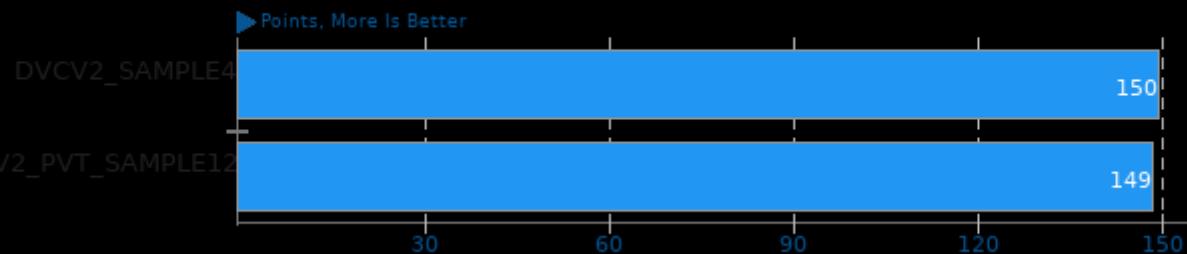
**GpuTest 0.7.0**

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

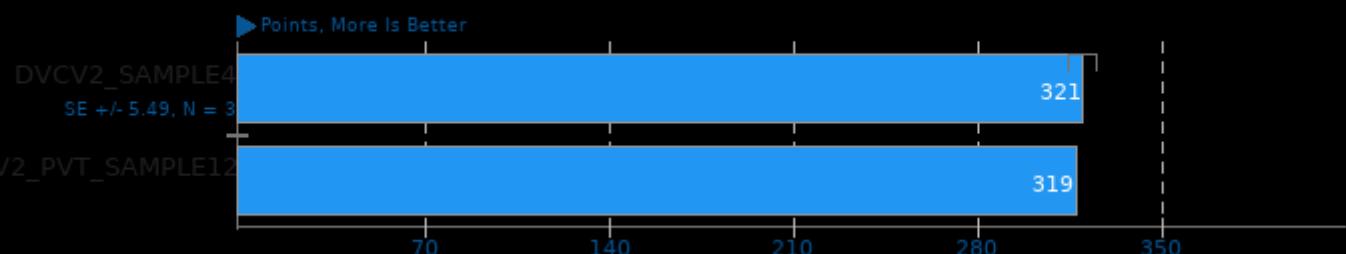


GpuTest 0.7.0

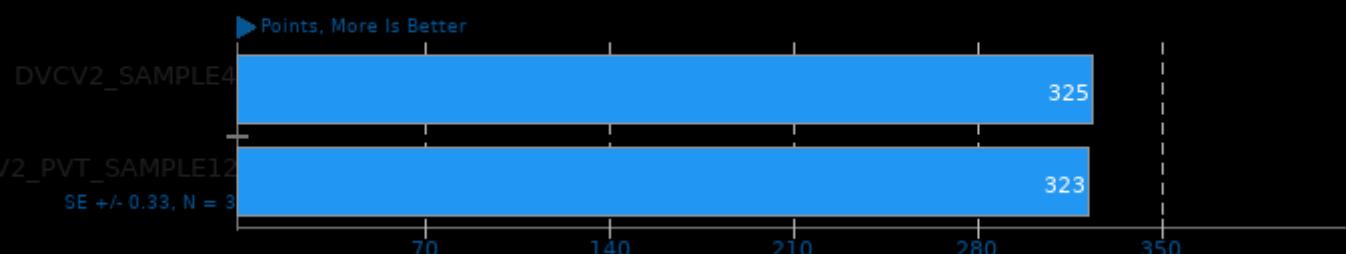
Test: Pixmark Volplosion - Resolution: 1680 x 1050 - Mode: Fullscreen

**GpuTest 0.7.0**

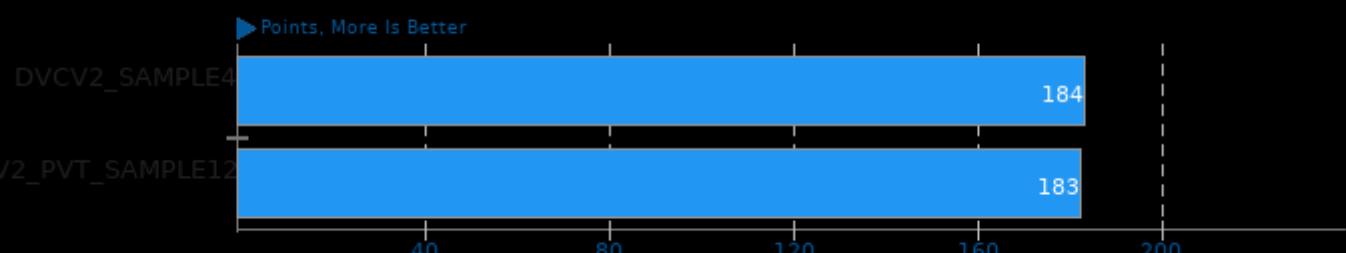
Test: Furmark - Resolution: 1600 x 900 - Mode: Fullscreen

**GpuTest 0.7.0**

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

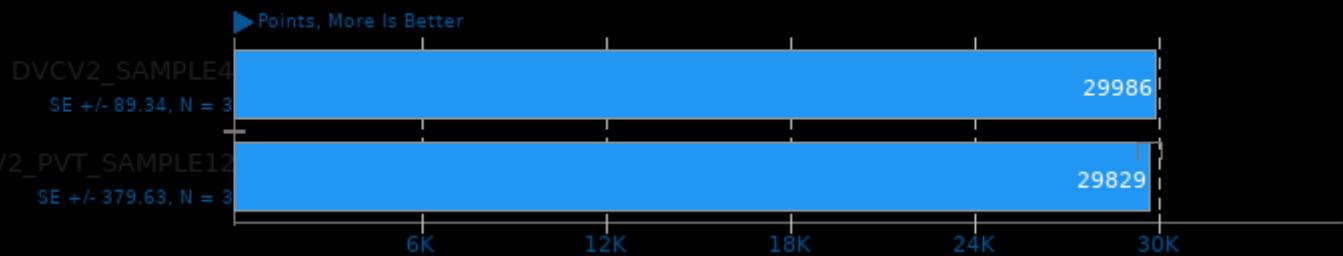
**GpuTest 0.7.0**

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

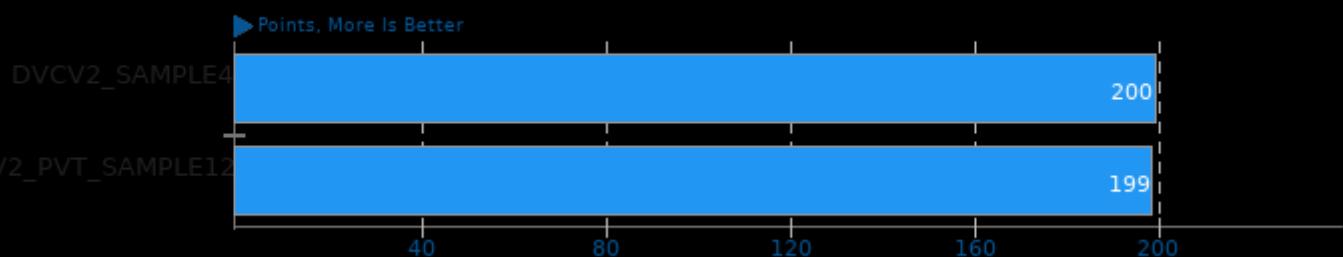


GpuTest 0.7.0

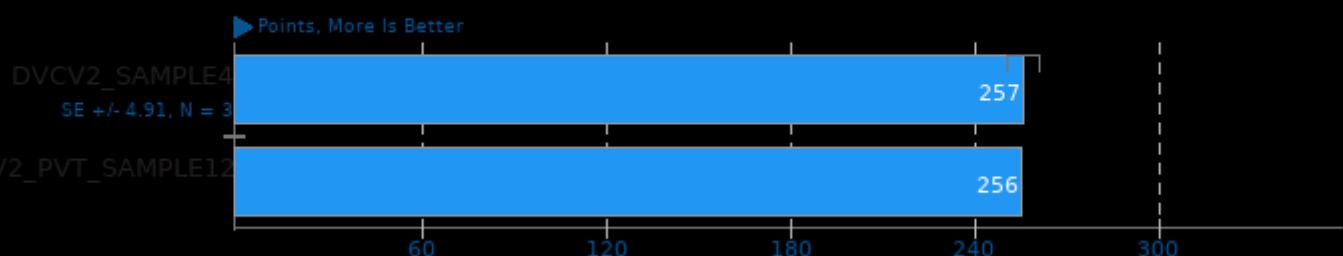
Test: Triangle - Resolution: 1440 x 900 - Mode: Fullscreen

**GpuTest 0.7.0**

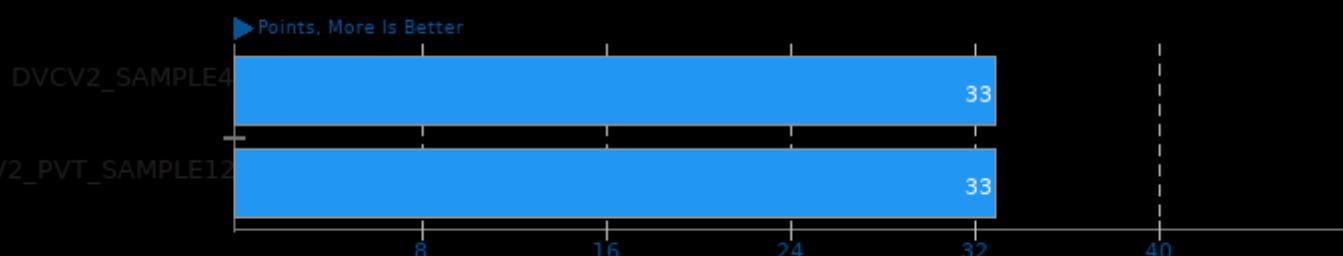
Test: Pixmark Piano - Resolution: 800 x 600 - Mode: Fullscreen

**GpuTest 0.7.0**

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

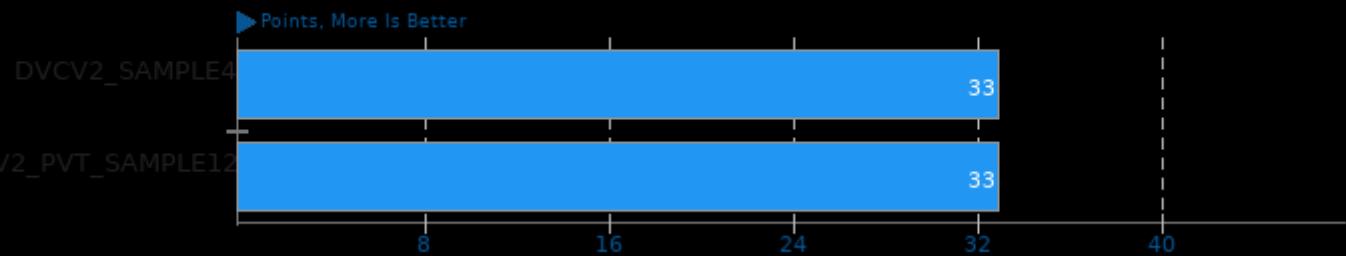
**GpuTest 0.7.0**

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

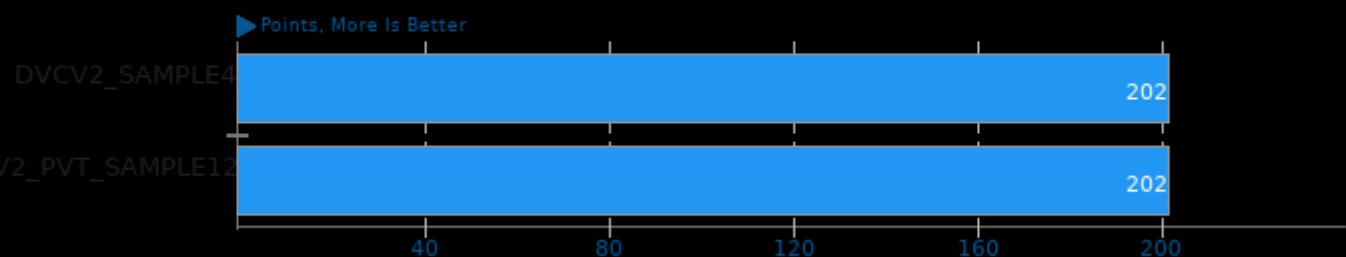


GpuTest 0.7.0

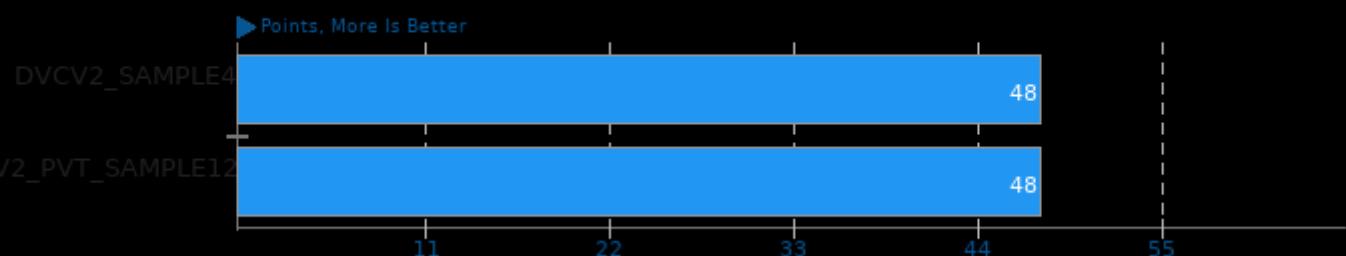
Test: Pixmark Volplosion - Resolution: 3840 x 2160 - Mode: Fullscreen

**GpuTest 0.7.0**

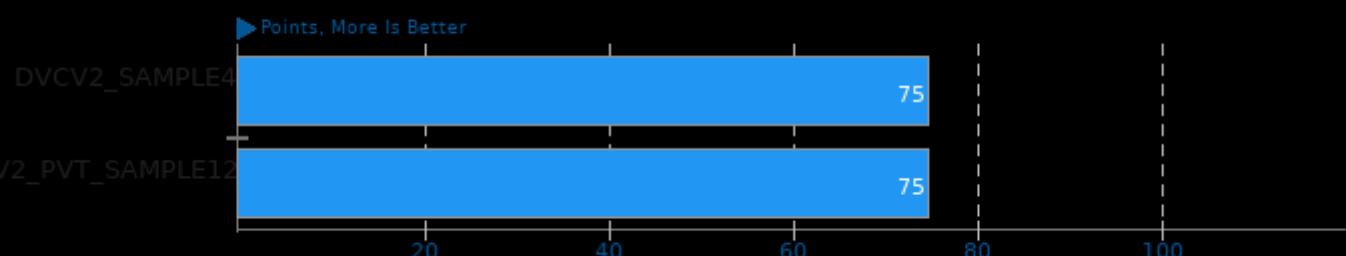
Test: Pixmark Volplosion - Resolution: 1440 x 900 - Mode: Fullscreen

**GpuTest 0.7.0**

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

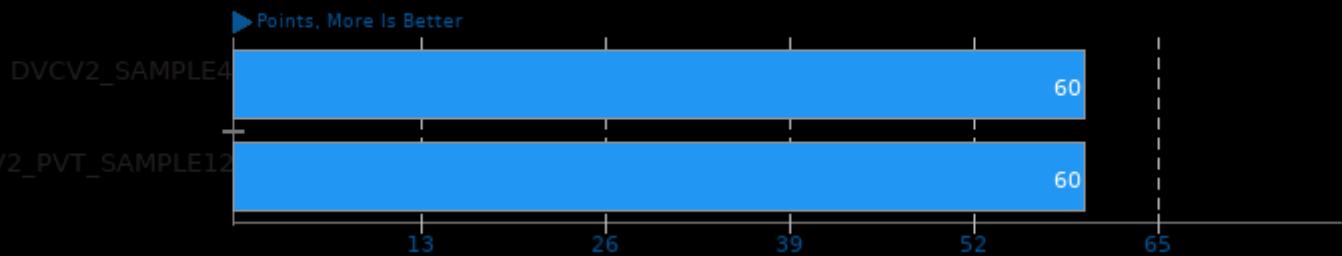
**GpuTest 0.7.0**

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

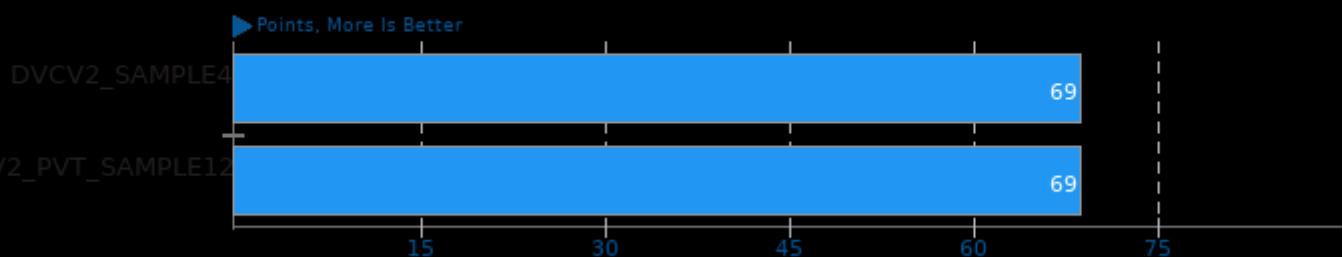


GpuTest 0.7.0

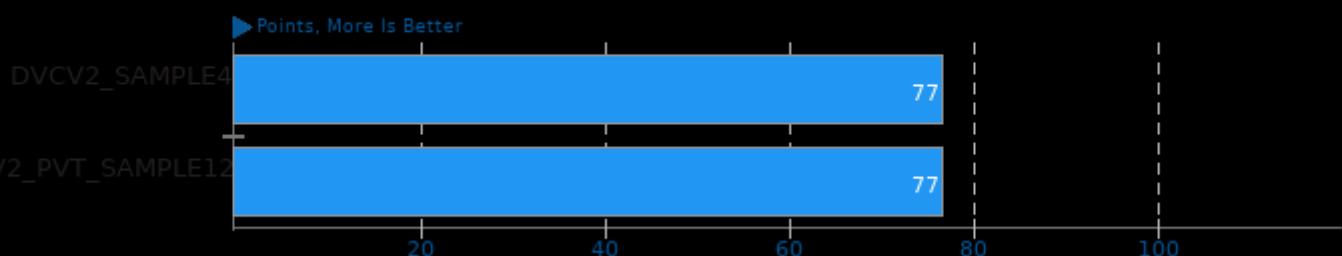
Test: Pixmark Piano - Resolution: 2880 x 480 - Mode: Fullscreen

**GpuTest 0.7.0**

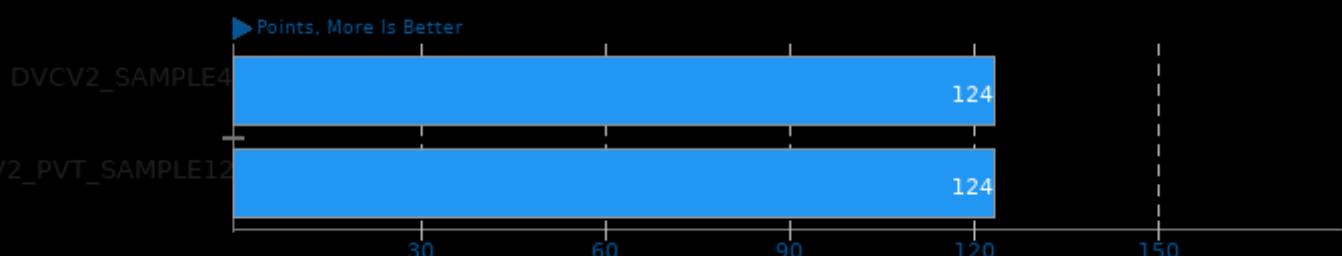
Test: Pixmark Piano - Resolution: 1600 x 900 - Mode: Fullscreen

**GpuTest 0.7.0**

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

**GpuTest 0.7.0**

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



This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 16:58.