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Celeron J1900 Unigine

Running pts/unigine-heaven-1.5.3, pts/unigine-sanctuary-1.5.2, pts/unigine-tropics-1.5.3 via the Phoronix Test Suite.

Test Systems:

Celeron J1900 + Quadro FX 3700 PCIe x1

Processor: Intel Celeron J1900 @ 1.99GHz (4 Cores), Motherboard: ASRock Q1900B-ITX, Chipset: Intel ValleyView SSA-CUnit, Memory: 16384MB, Disk: 120GB GOODRAM C50, Graphics: NVIDIA Quadro FX 3700 512MB (500/800MHz), Audio: Realtek ALC662 rev1, Network: Realtek RTL8111/8168/8411

OS: Ubuntu 14.04, Kernel: 3.13.0-24-generic (x86_64), Desktop: Xfce 4.10, Display Server: X Server 1.15.1, Display Driver: NVIDIA 304.117, OpenGL: 3.3.0, Compiler: GCC 4.8, File-System: ext4, Screen Resolution: 1920x1080

i7-4700MQ HD4600

Processor: Intel Core i7-4700MQ @ 3.40GHz (8 Cores), Motherboard: MSI MS-1758, Chipset: Intel Xeon E3-1200

v3/4th, Memory: 16384MB, Disk: 120GB INTEL SSDSC2CT12 + 1000GB HGST HTS721010A9, Graphics: Intel HD 4600 (1150MHz), Audio: Intel Xeon E3-1200 v3/4th, Network: Qualcomm Atheros AR8161 Gigabit + Realtek RTL8723AE PCIe Wireless

OS: Ubuntu 14.04, Kernel: 3.15.0-031500rc2-generic (x86_64), Desktop: KDE 4.13.0, Display Server: X Server 1.15.1, Display Driver: intel 2.99.911, OpenGL: 3.3 Mesa 10.3.0-devel (git-39ae284 trusty-oibaf-ppa), Compiler: GCC 4.8.2, File-System: ext4, Screen Resolution: 1920x1080

Graphics Notes: SNA

i7-4700MQ + GT740M Prime

Processor: Intel Core i7-4700MQ @ 3.40GHz (8 Cores), Motherboard: MSI MS-1758, Chipset: Intel Xeon E3-1200 v3/4th, Memory: 16384MB, Disk: 120GB INTEL SSDSC2CT12 + 1000GB HGST HTS721010A9, Graphics: MSI NVIDIA GeForce GT 740M 2048MB (540/900MHz), Audio: Intel Xeon E3-1200 v3/4th, Network: Qualcomm Atheros AR8161 Gigabit + Realtek RTL8723AE PCIe Wireless

OS: Ubuntu 14.04, Kernel: 3.15.0-031500rc2-generic (x86_64), Desktop: KDE 4.13.0, Display Server: X Server 1.15.1, Display Driver: NVIDIA 331.38, OpenGL: 4.3.0, Compiler: GCC 4.8.2, File-System: ext4, Screen Resolution: 1920x1080

Celeron J1900 + Quadro FX 580 PCIe x1

Processor: Intel Celeron J1900 @ 1.99GHz (4 Cores), Motherboard: ASRock Q1900B-ITX, Chipset: Intel ValleyView SSA-CUnit, Memory: 16384MB, Disk: 120GB GOODRAM C50, Graphics: NVIDIA Quadro FX 580 512MB (450/800MHz), Audio: Realtek ALC662 rev1, Network: Realtek RTL8111/8168/8411

OS: Ubuntu 14.04, Kernel: 3.13.0-24-generic (x86_64), Desktop: Xfce 4.10, Display Server: X Server 1.15.1, Display Driver: NVIDIA 304.117, OpenGL: 3.3.0, Compiler: GCC 4.8, File-System: ext4, Screen Resolution: 1920x1080

Celeron J1900 + Quadro FX 580 PCIe x1 current driver

Processor: Intel Celeron J1900 @ 1.99GHz (4 Cores), Motherboard: ASRock Q1900B-ITX, Chipset: Intel ValleyView SSA-CUnit, Memory: 16384MB, Disk: 120GB GOODRAM C50, Graphics: NVIDIA Quadro FX 580 512MB (450/800MHz), Audio: Realtek ALC662 rev1, Network: Realtek RTL8111/8168/8411

OS: Ubuntu 14.04, Kernel: 3.13.0-24-generic (x86_64), Desktop: Xfce 4.10, Display Server: X Server 1.15.1, Display Driver: nouveau 1.0.10, OpenGL: 3.3.0, Compiler: GCC 4.8, File-System: ext4, Screen Resolution: 1920x1080

Celeron J1900

Processor: Intel Celeron J1900 @ 1.99GHz (4 Cores), Motherboard: ASRock Q1900B-ITX, Chipset: Intel ValleyView SSA-CUnit, Memory: 16384MB, Disk: 120GB GOODRAM C50, Graphics: Intel ValleyView Gen7 (860MHz), Audio: Realtek ALC662 rev1, Network: Realtek RTL8111/8168/8411

OS: Ubuntu 14.04, Kernel: 3.13.0-24-generic (x86_64), Desktop: Xfce 4.10, Display Server: X Server 1.15.1, Display Driver: intel 2.99.910, OpenGL: 3.3 Mesa 10.1.0, Compiler: GCC 4.8.2, File-System: ext4, Screen Resolution:

Celeron J1900 Unigine

1920x1080

Graphics Notes: SNA

Sandy Bridge G840 + Quadro FX 580 PCIe x16

Processor: Intel Pentium G840 @ 2.80GHz (2 Cores), Motherboard: MSI B75MA-P45 (MS-7798) v1.0, Chipset: Intel 2nd Generation Core Family DRAM, Memory: 8192MB, Disk: 120GB GOODRAM C50, Graphics: NVIDIA Quadro FX 580 512MB (450/800MHz), Audio: Realtek ALC887-VD, Monitor: LG IPS224, Network: Realtek RTL8111/8168/8411

OS: Ubuntu 14.04, Kernel: 3.13.0-24-generic (x86_64), Desktop: Xfce 4.10, Display Server: X Server 1.15.1, Display Driver: NVIDIA 331.38, OpenGL: 3.3.0, Compiler: GCC 4.8.2, File-System: ext4, Screen Resolution: 1920x1080

Ivy Bridge G2030 + Quadro FX 3700 x16 closed driver

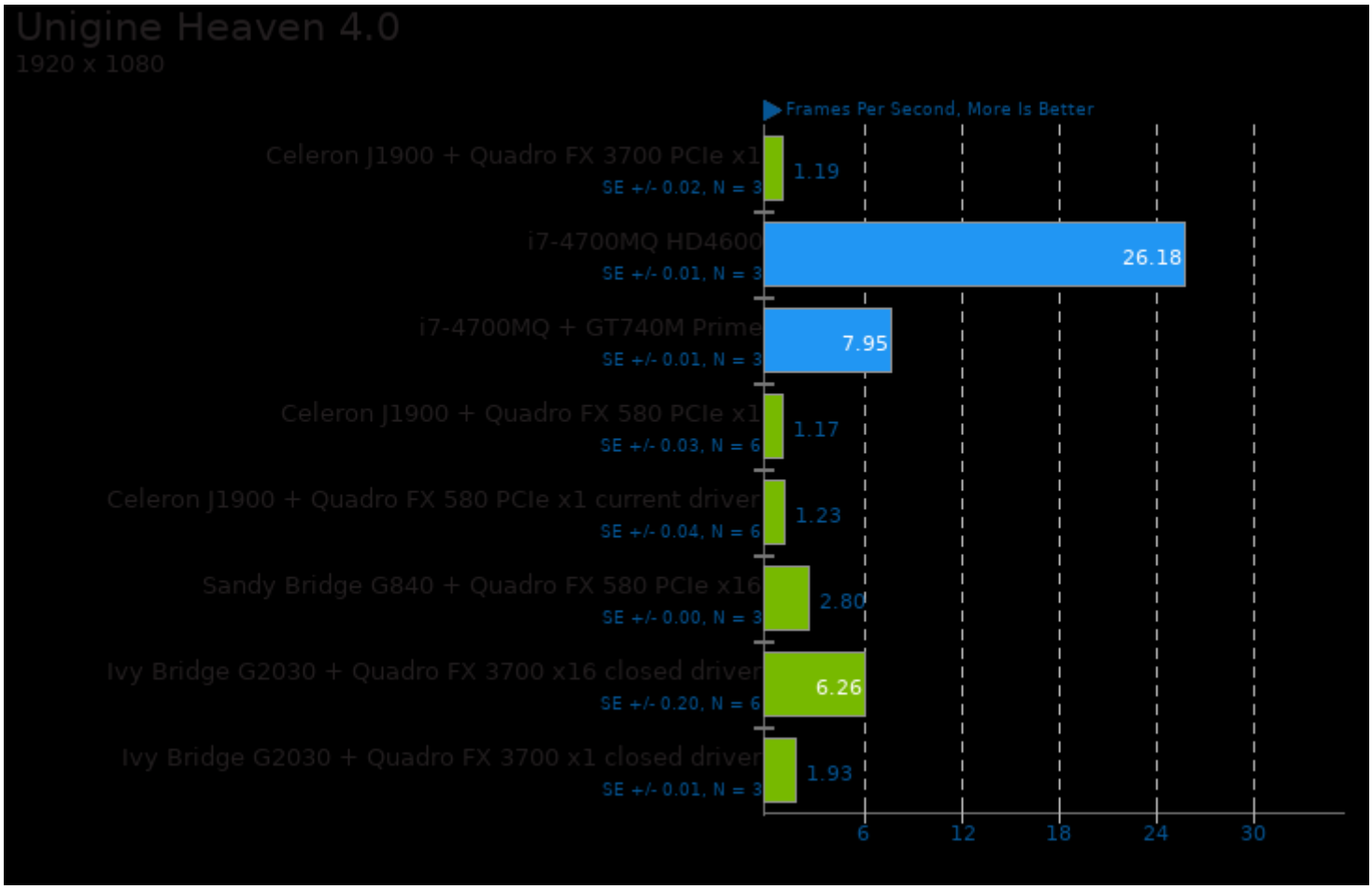
Ivy Bridge G2030 + Quadro FX 3700 x1 closed driver

Processor: Intel Pentium G2030 @ 3.00GHz (2 Cores), Motherboard: MSI B75MA-P45 (MS-7798) v1.0, Chipset: Intel Xeon E3-1200 v2/3rd, Memory: 8192MB, Disk: 120GB GOODRAM C50, Graphics: NVIDIA Quadro FX 3700 512MB (500/800MHz), Audio: Realtek ALC887-VD, Monitor: LG IPS224, Network: Realtek RTL8111/8168/8411

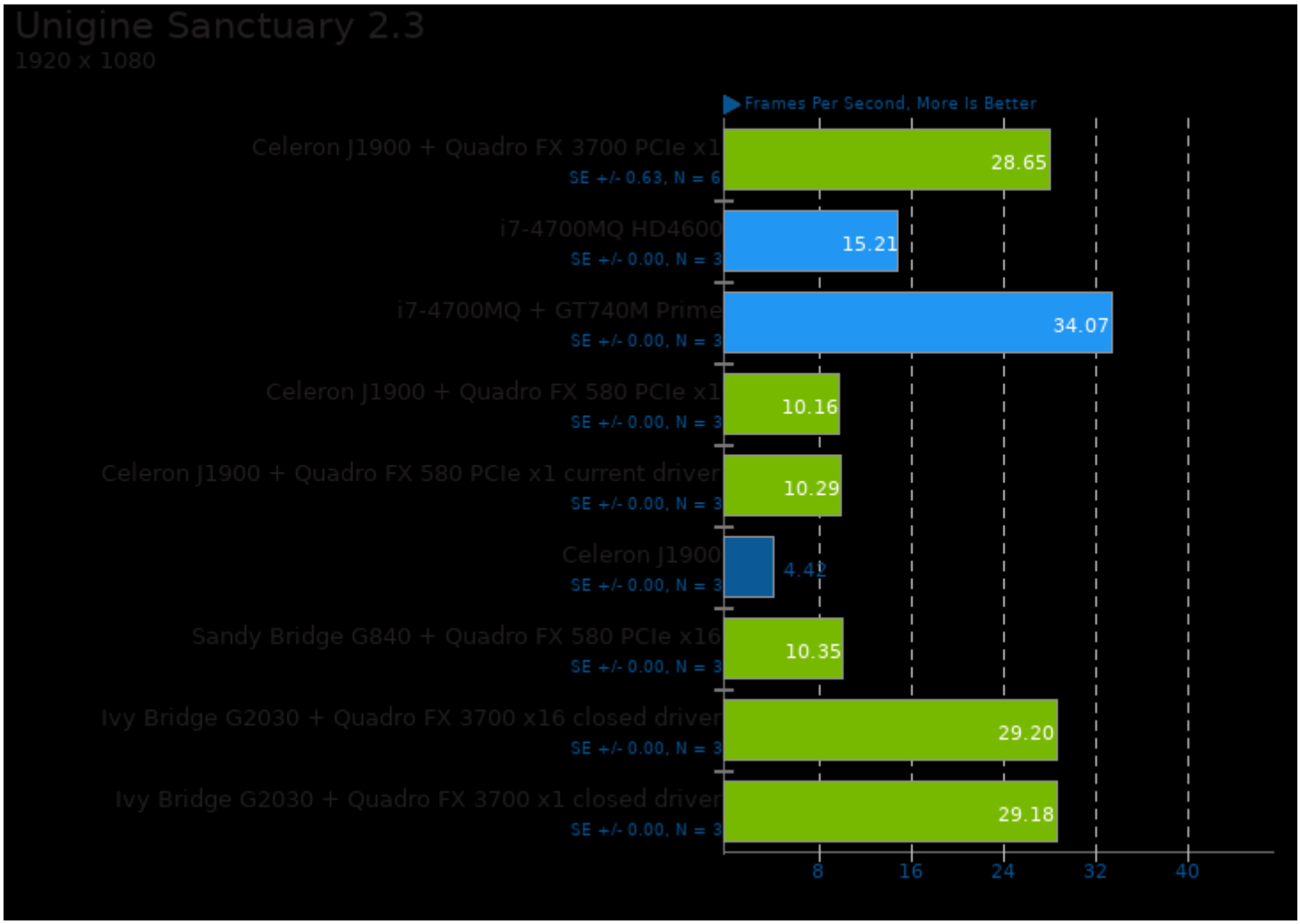
OS: Ubuntu 14.04, Kernel: 3.13.0-24-generic (x86_64), Desktop: Xfce 4.10, Display Server: X Server 1.15.1, Display Driver: NVIDIA 331.38, OpenGL: 3.3.0, Compiler: GCC 4.8.2, File-System: ext4, Screen Resolution: 1920x1080

	Celeron J1900 + Quadro FX 3700 PCIe x1	i7-4700MQ HD4600	i7-4700MQ + GT740M Prime	Celeron J1900 + Quadro FX 580 PCIe x1	Celeron J1900 + Quadro FX 580 PCIe x1 current driver	Celeron J1900	Sandy Bridge G840 + Quadro FX 580 PCIe x16	Ivy Bridge G2030 + Quadro FX 3700 x16 closed	Ivy Bridge G2030 + Quadro FX 3700 x1 closed driver
Unigine Heaven - 1920 x 1080 (FPS)	1.19	**26.18**	7.95	**1.17**	1.23		2.80	6.26	1.93
Normalized	4.55%	100%	30.37%	4.47%	4.7%		10.7%	23.91%	7.37%
Standard Deviation	3.3%	0.1%	0.2%	5.3%	7.5%		0.2%	8%	0.9%
Unigine Sanctuary - 1920 x 1080 (FPS)	28.65	15.21	**34.07**	10.16	10.29	**4.42**	10.35	29.20	29.18
Normalized	84.09%	44.64%	100%	29.82%	30.2%	12.97%	30.38%	85.71%	85.65%
Standard Deviation	5.4%	0%	0%	0%	0%	0.1%	0%	0%	0%
Unigine Tropics - 1920 x 1080 (FPS)	28.11	17.28	26.38	13.90	10.93	**4.94**	11.04	**32.50**	31.53
Normalized	86.49%	53.17%	81.17%	42.77%	33.63%	15.2%	33.97%	100%	97.02%
Standard Deviation	0.1%	0%	0.1%	58.1%	5%	0.2%	0%	0.1%	0.1%

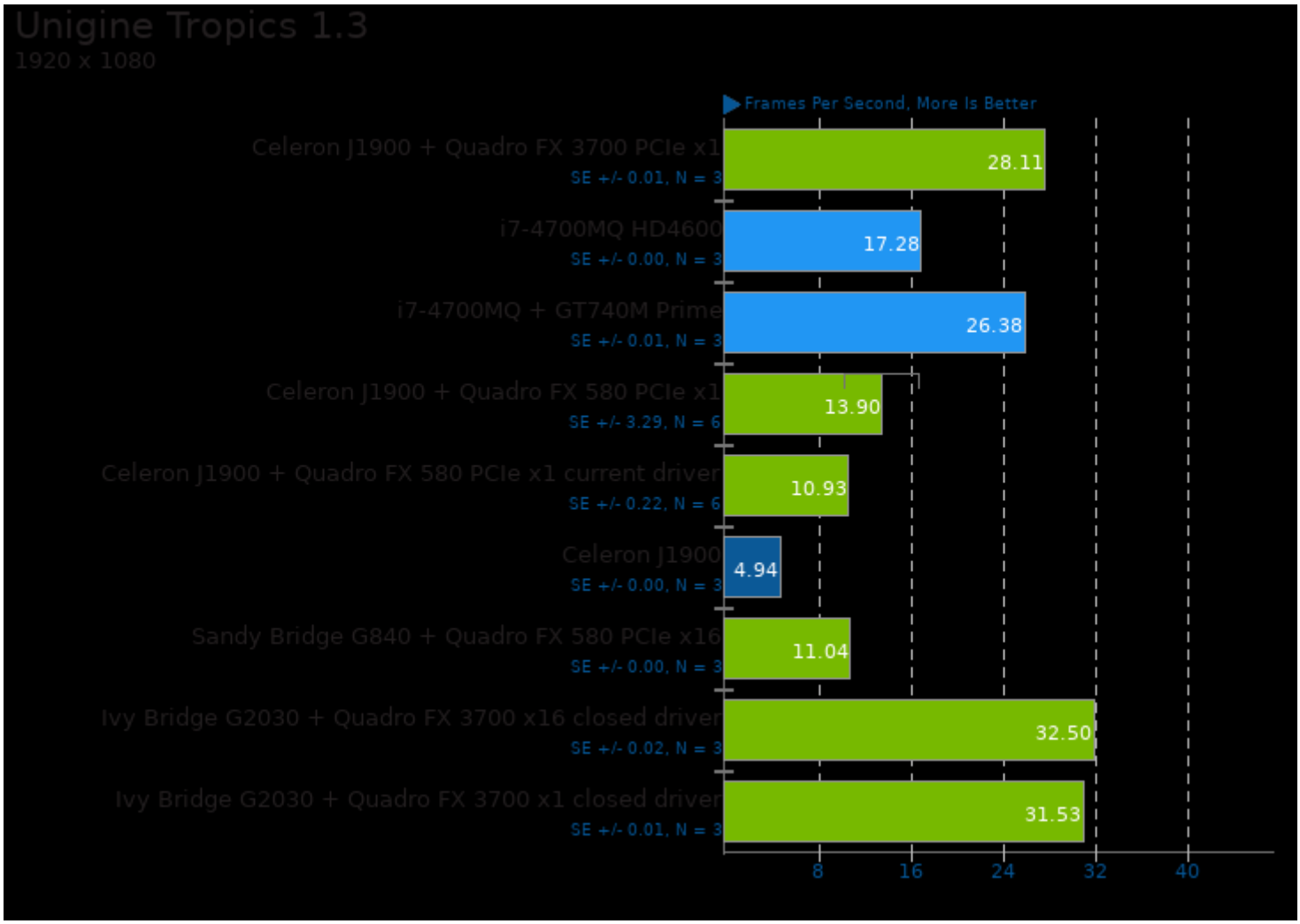
Celeron J1900 Unigine



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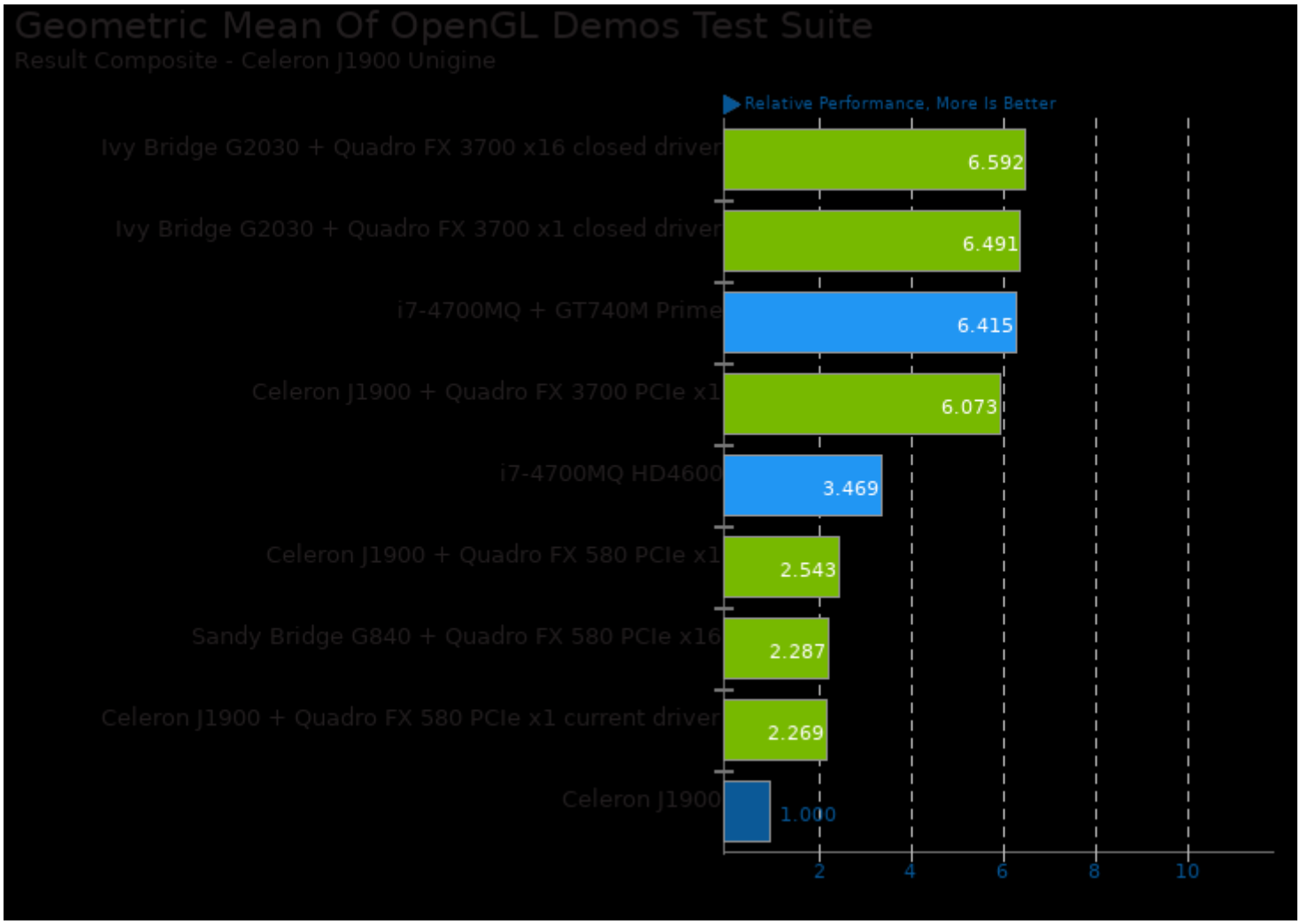


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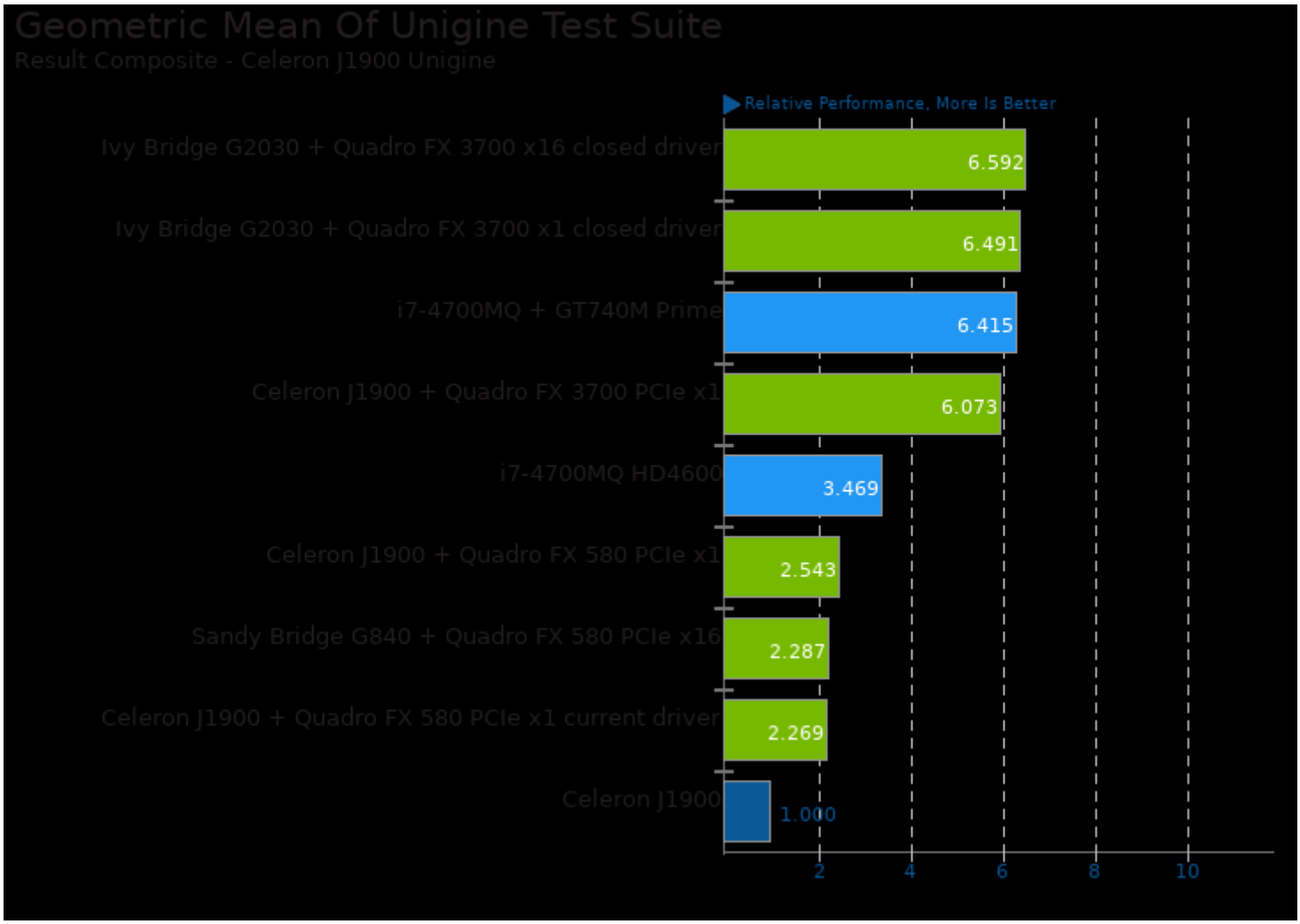
Celeron J1900 Unigine

These geometric means are based upon test groupings / test suites for this result file.



Geometric mean based upon tests: pts/unigine-heaven, pts/unigine-sanctuary and pts/unigine-tropics

Celeron J1900 Unigine



Geometric mean based upon tests: pts/unigine-heaven, pts/unigine-sanctuary and pts/unigine-tropics

This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 11:04.