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Icelake Fun

Intel Core i7-1065G7 testing with a Dell 06CDVY (1.0.9 BIOS) and Intel Iris Plus G7 3GB on Ubuntu 20.04 via the Phoronix Test Suite.

Test Systems:

c1

c2

c3

Processor: Intel Core i7-1065G7 @ 3.90GHz (4 Cores / 8 Threads), Motherboard: Dell 06CDVY (1.0.9 BIOS), Chipset: Intel Device 34ef, Memory: 16GB, Disk: KBG40ZPZ512G NVMe TOSHIBA 512GB, Graphics: Intel Iris Plus G7 3GB (1100MHz), Audio: Realtek ALC289, Network: Intel Killer Wi-Fi 6 AX1650i 160MHz

OS: Ubuntu 20.04, Kernel: 5.9.0-050900rc1daily20200819-generic (x86_64) 20200818, Desktop: GNOME Shell 3.36.4, Display Server: X Server 1.20.8, Display Driver: modesetting 1.20.8, OpenGL: 4.6 Mesa 20.0.4, Vulkan: 1.2.131,

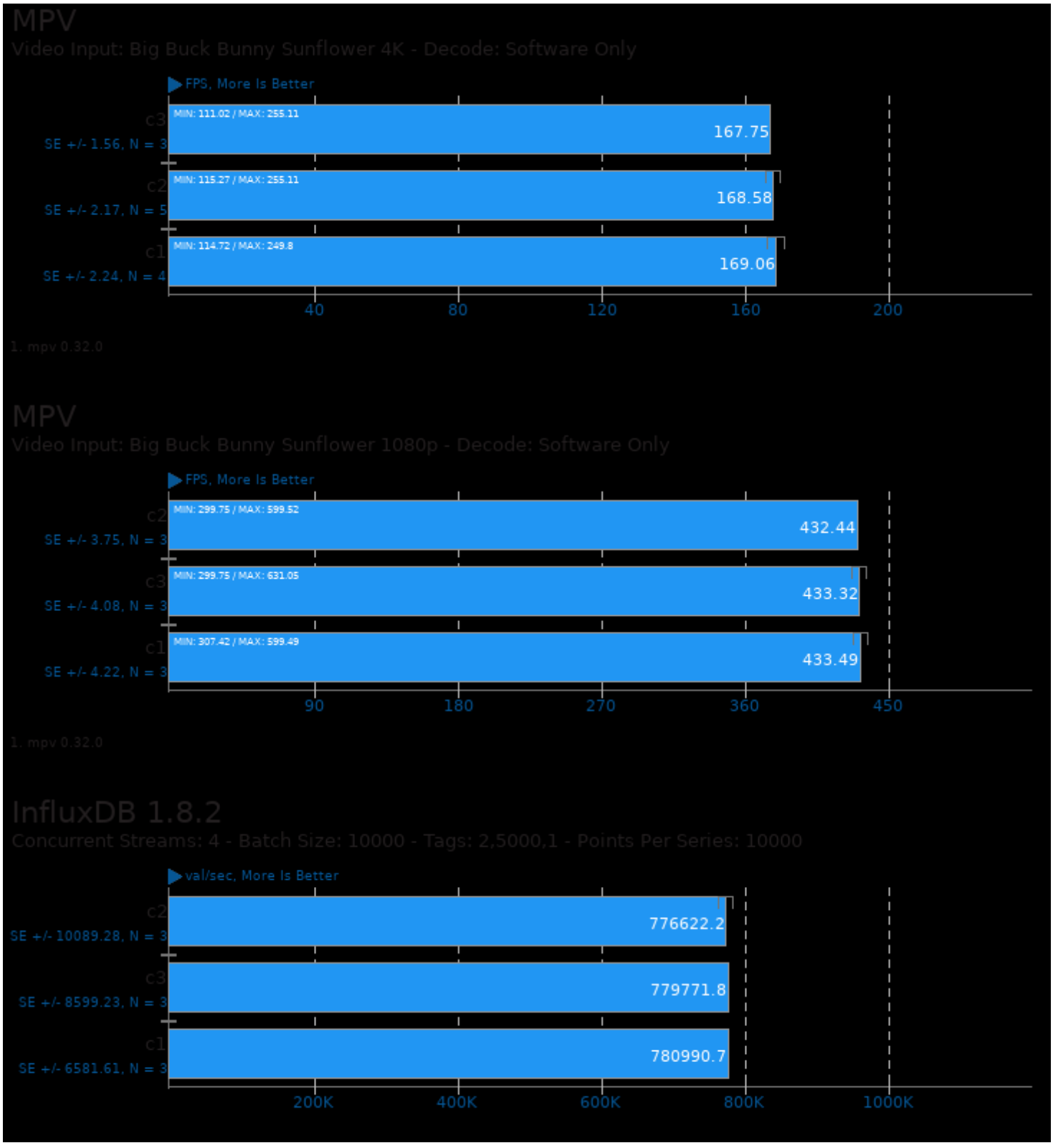
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Compiler: GCC 9.3.0, File-System: ext4, Screen Resolution: 1920x1200

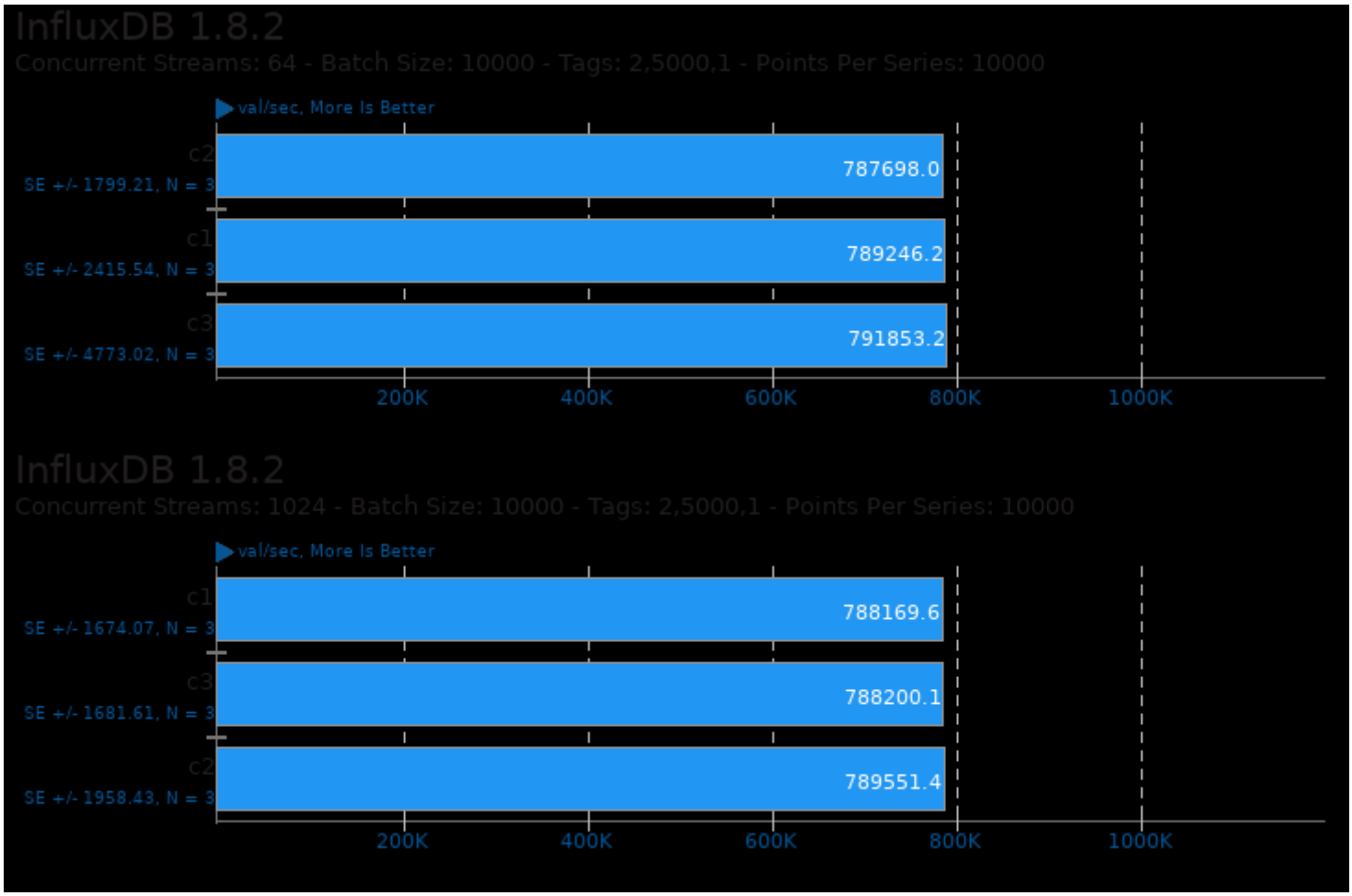
Processor Notes: Scaling Governor: intel_pstate powersave - CPU Microcode: 0x78
Security Notes: itlb_multihit: KVM: Mitigation of VMX disabled + l1tf: Not affected + mds: Not affected + meltdown: Not affected + spec_store_bypass: Mitigation of SSB disabled via prctl and seccomp + spectre_v1: Mitigation of usercopy/swapgs barriers and __user pointer sanitization + spectre_v2: Mitigation of Enhanced IBRS IBPB: conditional RSB filling + srbds: Not affected + tsx_async_abort: Not affected

	c1	c2	c3
MPV - B.B.B.S.4 - Software Only (FPS)	**169.06**	168.58	**167.75**
Normalized	100%	99.72%	99.23%
Standard Deviation	2.6%	2.9%	1.6%
MPV - B.B.B.S.1 - Software Only (FPS)	**433.49**	**432.44**	433.32
Normalized	100%	99.76%	99.96%
Standard Deviation	1.7%	1.5%	1.6%
InfluxDB - 4 - 10000 - 2,5000,1 - 10000	**780991**	**776622**	779772
Normalized	100%	99.44%	99.84%
Standard Deviation	1.5%	2.3%	1.9%
InfluxDB - 64 - 10000 - 2,5000,1 - 10000 (val/sec)	789246	**787698**	**791853**
Normalized	99.67%	99.48%	100%
Standard Deviation	0.5%	0.4%	1%
InfluxDB - 1024 - 10000 - 2,5000,1 - 10000 (val/sec)	**788170**	**789551**	788200
Normalized	99.82%	100%	99.83%
Standard Deviation	0.4%	0.4%	0.4%

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MPV
Video Input: Big Buck Bunny Sunflower 4K - Decode: Software Only
FPS, More Is Better
c3
MIN: 111.02 / MAX: 255.11
167.75
SE +/- 1.56, N = 3
c2
MIN: 115.27 / MAX: 255.11
168.58
SE +/- 2.17, N = 5
c1
MIN: 114.72 / MAX: 249.8
169.06
SE +/- 2.24, N = 4
40
80
120
160
200
1. mpv 0.32.0
MPV
Video Input: Big Buck Bunny Sunflower 1080p - Decode: Software Only
FPS, More Is Better
c2
MIN: 299.75 / MAX: 599.52
432.44
SE +/- 3.75, N = 3
c3
MIN: 299.75 / MAX: 631.05
433.32
SE +/- 4.08, N = 3
c1
MIN: 307.42 / MAX: 599.49
433.49
SE +/- 4.22, N = 3
90
180
270
360
450
1. mpv 0.32.0
InfluxDB 1.8.2
Concurrent Streams: 4 - Batch Size: 10000 - Tags: 2,5000,1 - Points Per Series: 10000
val/sec, More Is Better
c2
776622.2
SE +/- 10089.28, N = 3
c3
779771.8
SE +/- 8599.23, N = 3
c1
780990.7
SE +/- 6581.61, N = 3
200K
400K
600K
800K
1000K

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This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 17:33.