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IceLake TensorFlow Lite

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:

i7-1065G7 Base Run

Run 2

Run 3

Run 4

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

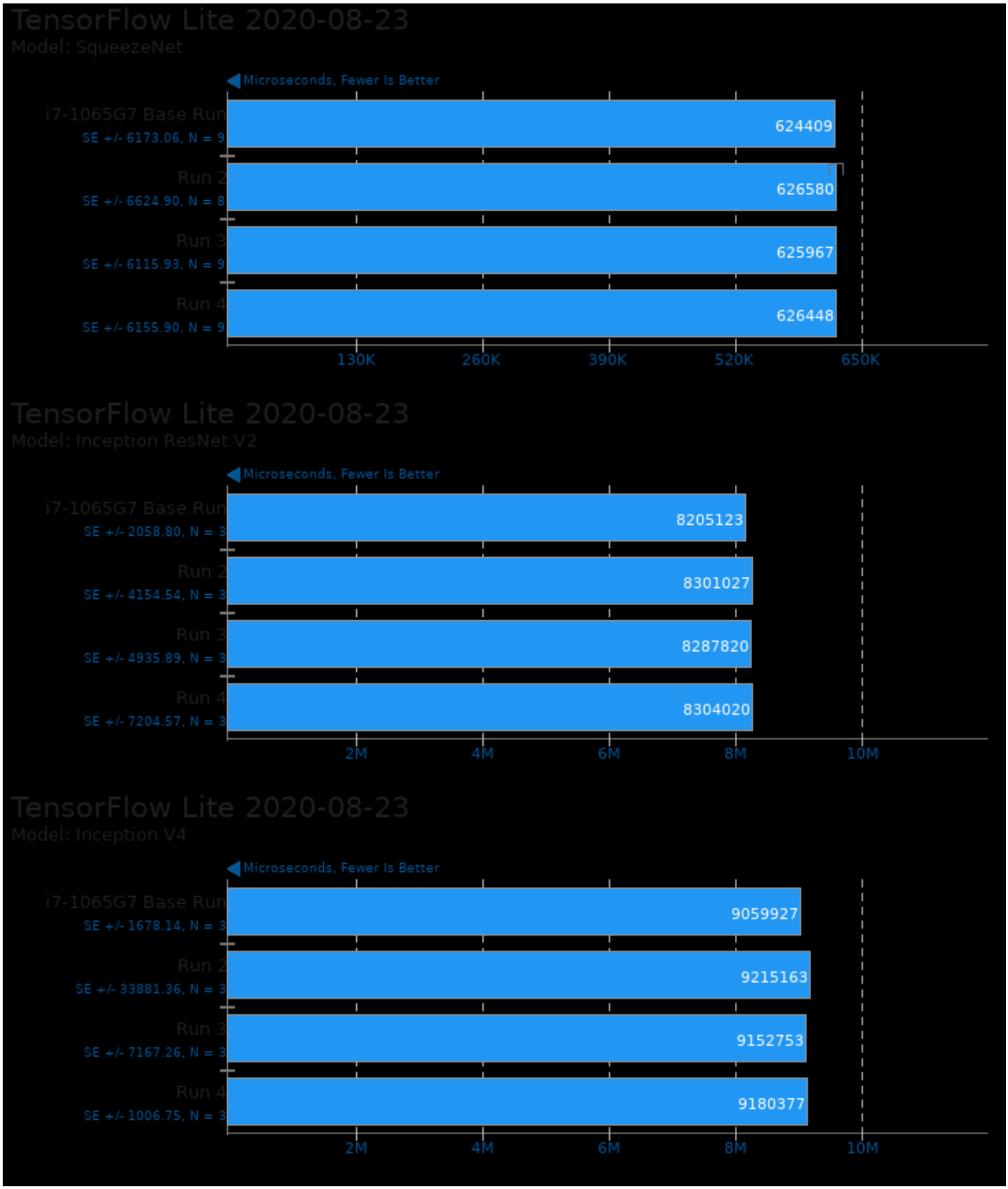
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OS: Ubuntu 20.04, Kernel: 5.9.0-050900rc1daily20200819-generic (x86_64) 20200818, Desktop: GNOME Shell 3.36.4, Display Server: X Server 1.20.8, Display Driver: modesetting 1.20.8, OpenGL: 4.6 Mesa 20.0.4, Vulkan: 1.2.131, Compiler: GCC 9.3.0, File-System: ext4, Screen Resolution: 1920x1200

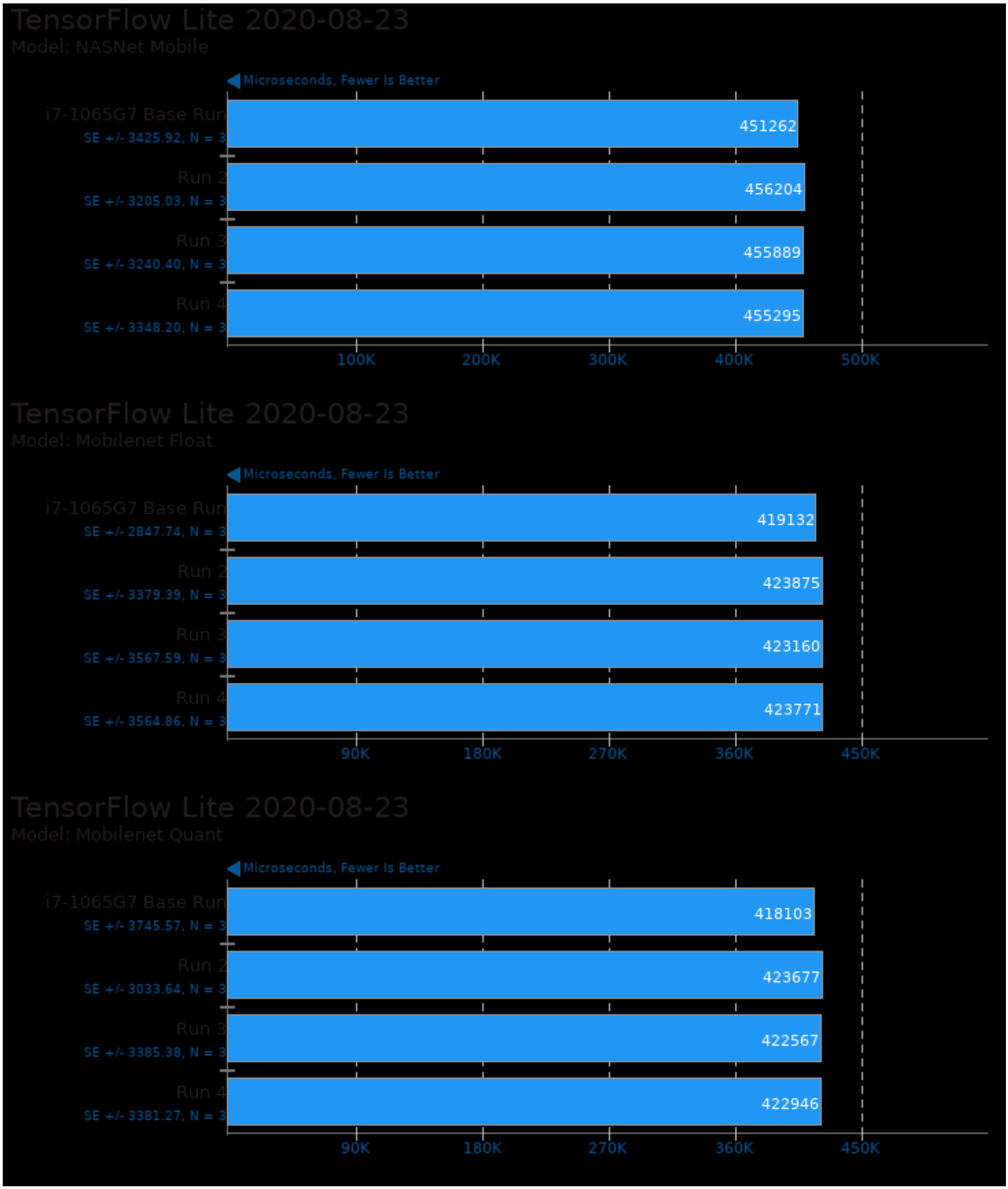
Processor Notes: Scaling Governor: intel_pstate powersave - CPU Microcode: 0x78
Security Notes: itlb_multihit: KVM: Mitigation of VMX disabled + l1tf: Not affected + mds: Not affected + meltdown: Not affected + spec_store_bypass: Mitigation of SSB disabled via prctl and seccomp + spectre_v1: Mitigation 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

	i7-1065G7 Base Run	Run 2	Run 3	Run 4
TensorFlow Lite - SqueezeNet (us)	**624409**	**626580**	625967	626448
Normalized	100%	99.65%	99.75%	99.67%
Standard Deviation	3%	3%	2.9%	2.9%
TensorFlow Lite - I.R.V (us)	**8205123**	8301027	8287820	**8304020**
Normalized	100%	98.84%	99%	98.81%
Standard Deviation	0%	0.1%	0.1%	0.2%
TensorFlow Lite - Inception V4 (us)	**9059927**	**9215163**	9152753	9180377
Normalized	100%	98.32%	98.99%	98.69%
Standard Deviation	0%	0.6%	0.1%	0%
TensorFlow Lite - NASNet Mobile (us)	**451262**	**456204**	455889	455295
Normalized	100%	98.92%	98.99%	99.11%
Standard Deviation	1.3%	1.2%	1.2%	1.3%
TensorFlow Lite - Mobilenet Float (us)	**419132**	**423875**	423160	423771
Normalized	100%	98.88%	99.05%	98.91%
Standard Deviation	1.2%	1.4%	1.5%	1.5%
TensorFlow Lite - Mobilenet Quant	**418103**	**423677**	422567	422946
Normalized	100%	98.68%	98.94%	98.85%
Standard Deviation	1.6%	1.2%	1.4%	1.4%

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This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 21:33.