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nvidia hashcat

Intel Xeon E-2288G testing with a Compulab SBC-ATCFL v1.2 (ATOP3.PRD.0.29.2 BIOS) and NVIDIA Quadro RTX 4000 8GB on Ubuntu 20.10 via the Phoronix Test Suite.

Test Systems:

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Processor: Intel Xeon E-2288G @ 5.00GHz (8 Cores / 16 Threads), Motherboard: Compulab SBC-ATCFL v1.2 (ATOP3.PRD.0.29.2 BIOS), Chipset: Intel Cannon Lake PCH, Memory: 2 x 32 GB DDR4-2667MT/s Samsung M378A4G43MB1-CTD, Disk: Samsung SSD 970 EVO Plus 250GB, Graphics: NVIDIA Quadro RTX 4000 8GB, Audio: Intel Cannon Lake PCH cAVS, Network: Intel I219-LM + Intel I210

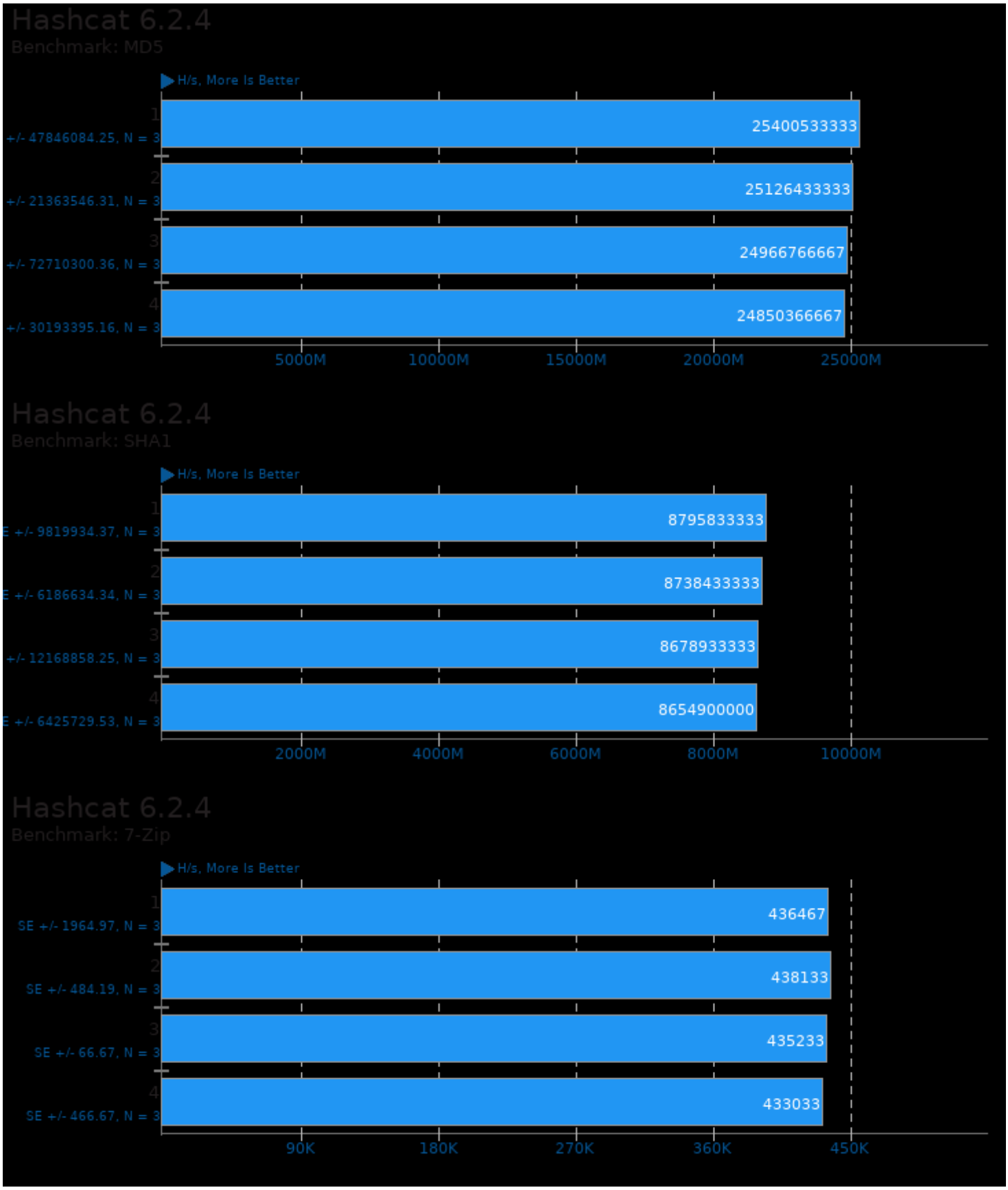
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OS: Ubuntu 20.10, Kernel: 5.8.0-41-generic (x86_64), Desktop: GNOME Shell 3.38.2, Display Server: X Server 1.20.9, Display Driver: NVIDIA, OpenCL: OpenCL 1.2 CUDA 11.2.109, Vulkan: 1.2.155, Compiler: GCC 12.0.0 20210930, File-System: ext4, Screen Resolution: 1920x1080

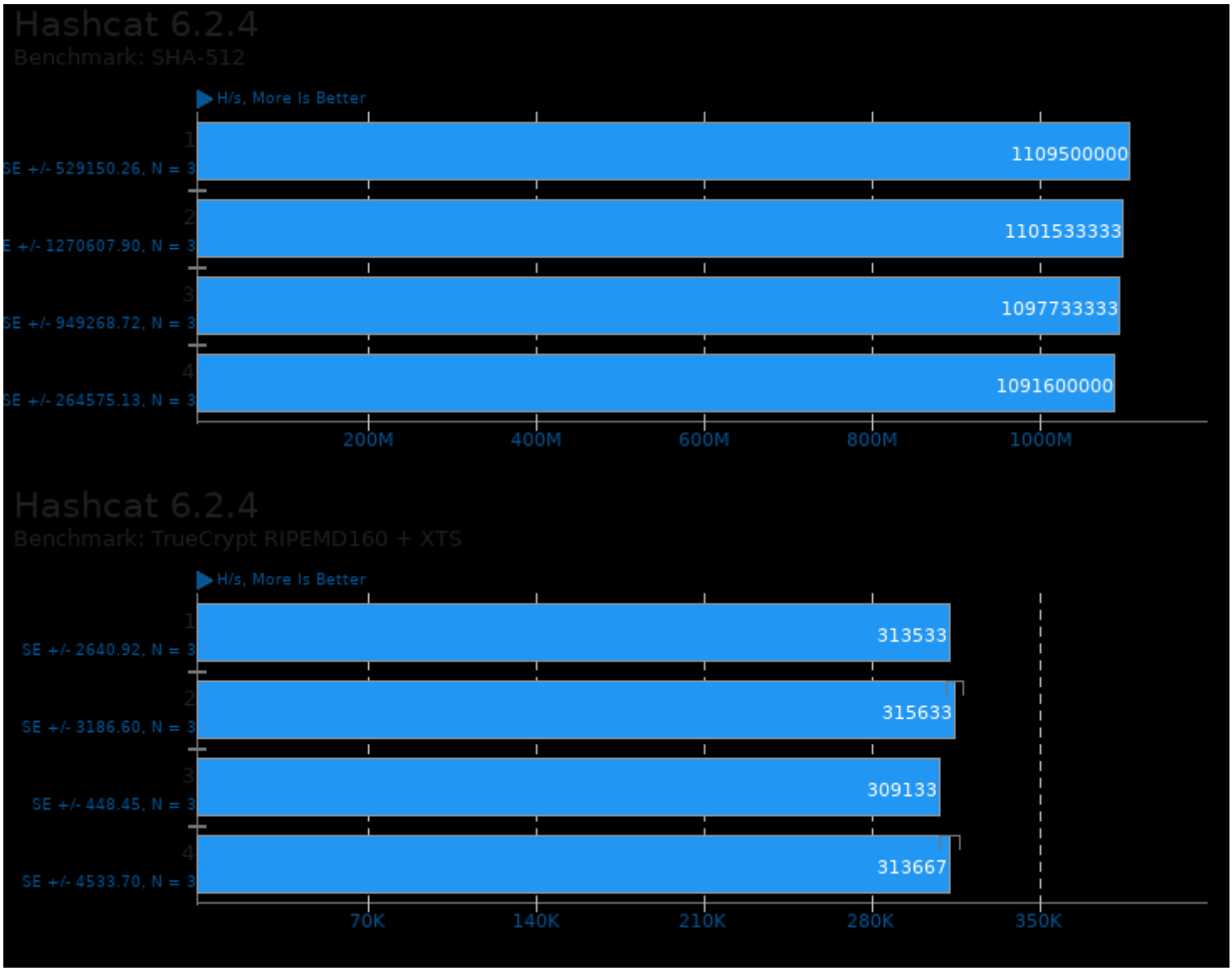
Kernel Notes: Transparent Huge Pages: madvise
Processor Notes: Scaling Governor: intel_pstate powersave - CPU Microcode: 0xde - Thermald 2.3
Security Notes: itlb_multihit: KVM: Mitigation of VMX disabled + l1tf: Not affected + mds: Not affected + meltdown: Not affected + spec_store_bypass: Mitigation 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: Mitigation of TSX disabled + tsx_async_abort: Mitigation of TSX disabled

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Hashcat - MD5 (H/s)	**25400533333**	25126433333	24966766667	**24850366667**
Normalized	100%	98.92%	98.29%	97.83%
Standard Deviation	0.3%	0.1%	0.5%	0.2%
Hashcat - SHA1 (H/s)	**8795833333**	8738433333	8678933333	**8654900000**
Normalized	100%	99.35%	98.67%	98.4%
Standard Deviation	0.2%	0.1%	0.2%	0.1%
Hashcat - 7-Zip (H/s)	436467	**438133**	435233	**433033**
Normalized	99.62%	100%	99.34%	98.84%
Standard Deviation	0.8%	0.2%	0%	0.2%
Hashcat - SHA-512 (H/s)	**1109500000**	1101533333	1097733333	**1091600000**
Normalized	100%	99.28%	98.94%	98.39%
Standard Deviation	0.1%	0.2%	0.1%	0%
Hashcat - T.R.X (H/s)	313533	**315633**	**309133**	313667
Normalized	99.33%	100%	97.94%	99.38%
Standard Deviation	1.5%	1.7%	0.3%	2.5%

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This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 06:26.