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hashcat-test

Intel Core i7-7800X testing with a ASUS WS X299 SAGE (3405 BIOS) and Zotac NVIDIA GeForce RTX 2080 Ti 11GB on Ubuntu 20.04 via the Phoronix Test Suite.

Test Systems:

bmwgpu

Processor: Intel Core i7-7800X @ 4.00GHz (6 Cores / 12 Threads), Motherboard: ASUS WS X299 SAGE (3405 BIOS), Chipset: Intel Sky Lake-E DMI3 Registers, Memory: 64GB, Disk: 1000GB CT1000MX500SSD1 + 4001GB Seagate ST4000NM0035-1V4, Graphics: Zotac NVIDIA GeForce RTX 2080 Ti 11GB, Audio: Realtek ALC1220, Network: Intel I219-LM + Intel I210

OS: Ubuntu 20.04, Kernel: 5.4.0-105-generic (x86_64), Desktop: GNOME Shell 3.36.9, Display Server: X Server 1.20.13, Display Driver: NVIDIA, OpenCL: OpenCL 3.0 CUDA 11.4.189, Vulkan: 1.2.175, Compiler: GCC 9.4.0 + CUDA 9.0, File-System: ext4, Screen Resolution: 800x600

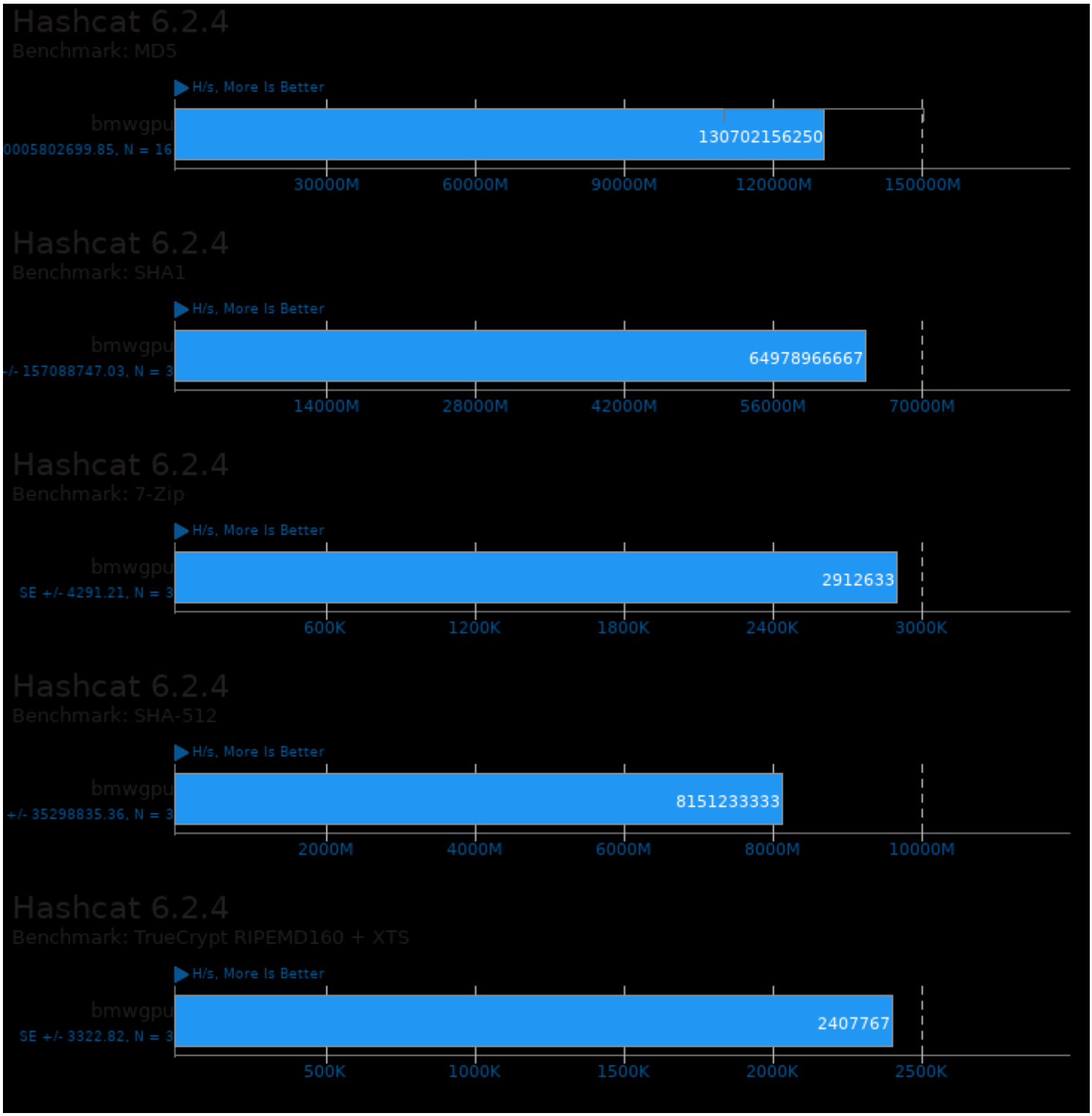
Kernel Notes: Transparent Huge Pages: madvise
Processor Notes: Scaling Governor: intel_pstate powersave (EPP: balance_performance) - CPU Microcode: 0x2006b06

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Graphics Notes: BAR1 / Visible vRAM Size: 256 MiB
Security Notes: itlb_multihit: KVM: Mitigation of Split huge pages + l1tf: Mitigation of PTE Inversion; VMX: conditional cache flushes SMT vulnerable + mds: Mitigation of Clear buffers; SMT vulnerable + meltdown: Mitigation of PTI + 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 Retpolines IBPB: conditional IBRS_FW STIBP: conditional RSB filling + srbds: Not affected + tsx_async_abort: Mitigation of Clear buffers; SMT vulnerable

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Hashcat - MD5 (H/s)	130702156250
Standard Deviation	61.2%
Hashcat - SHA1 (H/s)	64978966667
Standard Deviation	0.4%
Hashcat - 7-Zip (H/s)	2912633
Standard Deviation	0.3%
Hashcat - SHA-512 (H/s)	8151233333
Standard Deviation	0.8%
Hashcat - T.R.X (H/s)	2407767
Standard Deviation	0.2%

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