vlad-first-test

Intel Core i3-6100U testing with a ASUS X556UQ v1.0 (X556UQ.315 BIOS) and ASUS Intel HD 520 SKL GT2 on ManjaroLinux 21.2.0 via the Phoronix Test Suite.

Test Systems:

vlad-first-test-unique

Processor: Intel Core i3-6100U @ 2.30GHz (2 Cores / 4 Threads), Motherboard: ASUS X556UQ v1.0 (X556UQ.315 BIOS), Chipset: Intel Xeon E3-1200 v5/E3-1500, Memory: 6GB, Disk: 240GB KINGSTON SA400S3, Graphics: ASUS Intel HD 520 SKL GT2 (1000MHz), Audio: Realtek ALC255, Network: Realtek RTL8111/8168/8411 + Qualcomm Atheros QCA9565 / AR9565

OS: ManjaroLinux 21.2.0, Kernel: 5.14.14-MANJAROVLAD (x86_64), Desktop: GNOME Shell 41.1, Display Server: X Server 1.20.13 + Wayland, OpenGL: 4.6 Mesa 21.2.5, Compiler: GCC 11.1.0, File-System: btrfs, Screen Resolution: 1920x1080

Kernel Notes: Transparent Huge Pages: madvise
Disk Notes: MQ-DEADLINE / commit=120,compress=zstd:3,noatime,rw,space_cache,ssd,subvol=/,subvolid=5 / Block Size: 4096

Processor Notes: Scaling Governor: intel_pstate powersave - CPU Microcode: 0xea
Security Notes: itlb_multihit: KVM: Mitigation of VMX disabled + 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 Full generic retpoline IBPB: conditional IBRS_FW STIBP: conditional RSB filling + srbds: Mitigation of Microcode + tsx_async_abort: Mitigation of TSX disabled

	vlad-first-test-unique
Flexible IO Tester - Rand Read - Linux AIO - Yes - No - 4KB (MB/s)	17.640
Standard Deviation	33.6%
Flexible IO Tester - Rand Read - Linux AIO - Yes - No - 4KB (IOPS)	4510
Standard Deviation	33.9%
Flexible IO Tester - Rand Write - Linux AIO - Yes - No - 4KB (MB/s)	35.2
Standard Deviation	28.3%
Flexible IO Tester - Rand Write - Linux AIO - Yes - No - 4KB (IOPS)	8994
Standard Deviation	28.3%
Flexible IO Tester - Seq Read - Linux AIO - Yes - No - 4KB (MB/s)	399
Standard Deviation	1.6%
Flexible IO Tester - Seq Read - Linux AIO - Yes - No - 4KB (IOPS)	102000
Standard Deviation	1.7%
Flexible IO Tester - Seq Write - Linux AIO - Yes - No - 4KB (MB/s)	56.6
Standard Deviation	40%
Flexible IO Tester - Seq Write - Linux AIO - Yes - No - 4KB (IOPS)	14509
Standard Deviation	40.2%
OpenArena - 1920 x 1080 (FPS)	33.0
Standard Deviation	5.2%
Stream - Triad (MB/s)	15279
Standard Deviation	1.2%
iPerf - 5201 - 60 Seconds - TCP - 5 (Mbits/s)	33816
Standard Deviation	0.5%
7-Zip Compression - Compression Rating (MIPS)	8391
Standard Deviation	1.2%
7-Zip Compression - D.R (MIPS)	6884
Standard Deviation	0%

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