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thinkpad t430

Intel Core i7-3632QM testing with a LENOVO 2344BUG (G1ETC2WW 2.82 BIOS) and Intel HD 4000 on Arch rolling via the Phoronix Test Suite.

Test Systems:

Intel Core i5-3320M - Intel HD 4000 2GB - LENOVO

Processor: Intel Core i5-3320M @ 2.60GHz (2 Cores / 4 Threads), Motherboard: LENOVO 2344BZU (G1ETC1WW 2.81 BIOS), Chipset: Intel 3rd Gen Core DRAM, Memory: 8GB, Disk: 480GB KINGSTON SA400S3, Graphics: Intel HD 4000 2GB (1200MHz), Audio: Realtek ALC3202, Network: Intel 82579LM + Intel Centrino Advanced-N 6205

OS: Pop 20.10, Kernel: 5.10.0-14.1-liquorix-amd64 (x86_64), Desktop: GNOME Shell 3.38.2, Display Server: X Server 1.20.9, Display Driver: intel, OpenGL: 4.2 Mesa 20.3.2, Vulkan: 1.2.145, Compiler: GCC 10.2.0, File-System: ext4, Screen Resolution: 1600x900

Kernel Notes: Transparent Huge Pages: madvise
Processor Notes: Scaling Governor: acpi-cpufreq performance (Boost: Enabled) - CPU Microcode: 0x21 - Thermald 2.3
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: Vulnerable: No microcode + tsx_async_abort: Not affected

Intel Core i7-3632QM 16GB 2133MHz Lenovo T430

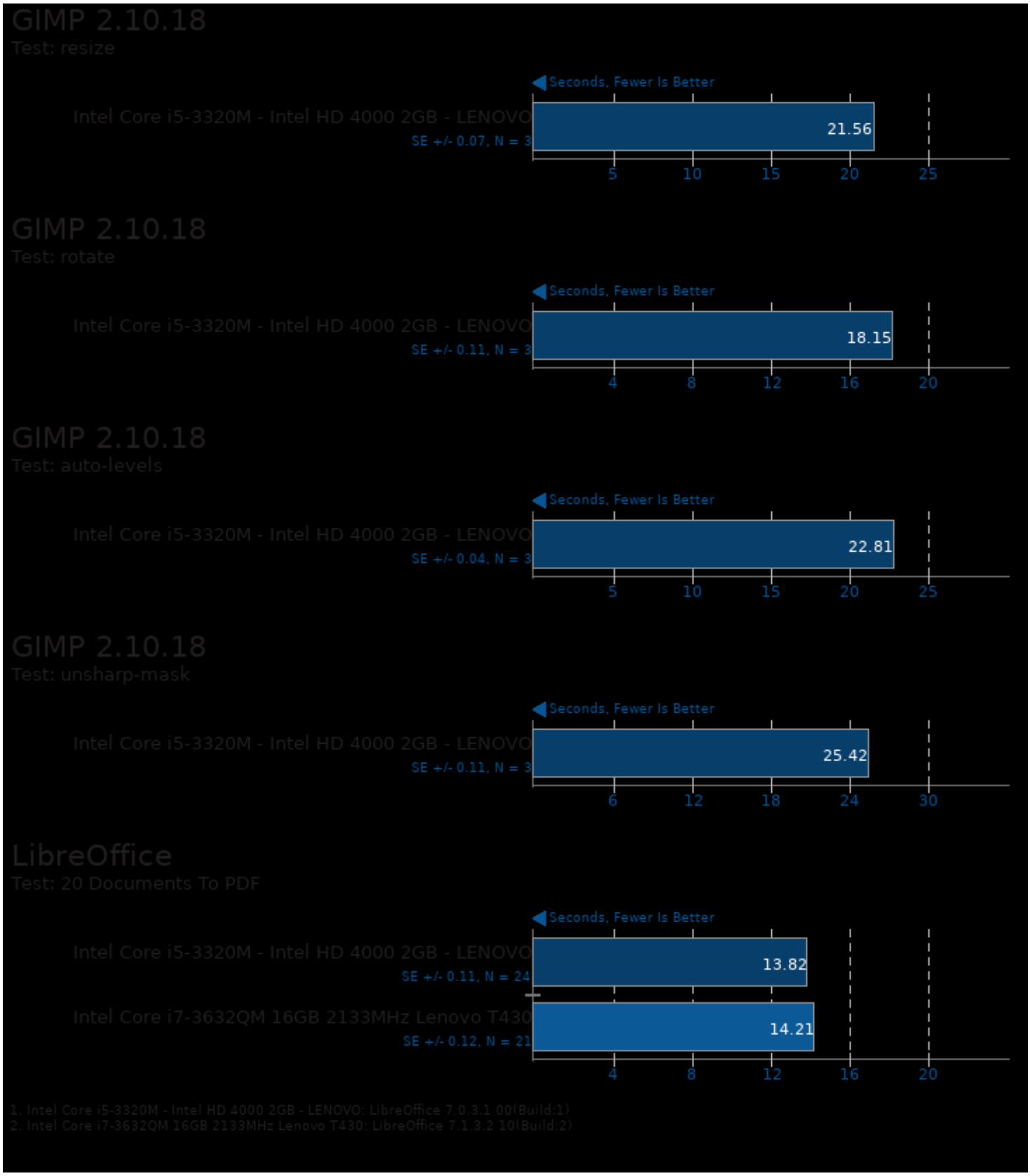
Processor: Intel Core i7-3632QM @ 3.20GHz (4 Cores / 8 Threads), Motherboard: LENOVO 2344BUG (G1ETC2WW 2.82 BIOS), Chipset: Intel 3rd Gen Core DRAM, Memory: 16GB, Disk: 500GB CT500MX500SSD1 + 128GB MT-128, Graphics: Intel HD 4000 (1150MHz), Audio: Realtek ALC3202, Network: Intel 82579LM + Intel 7260

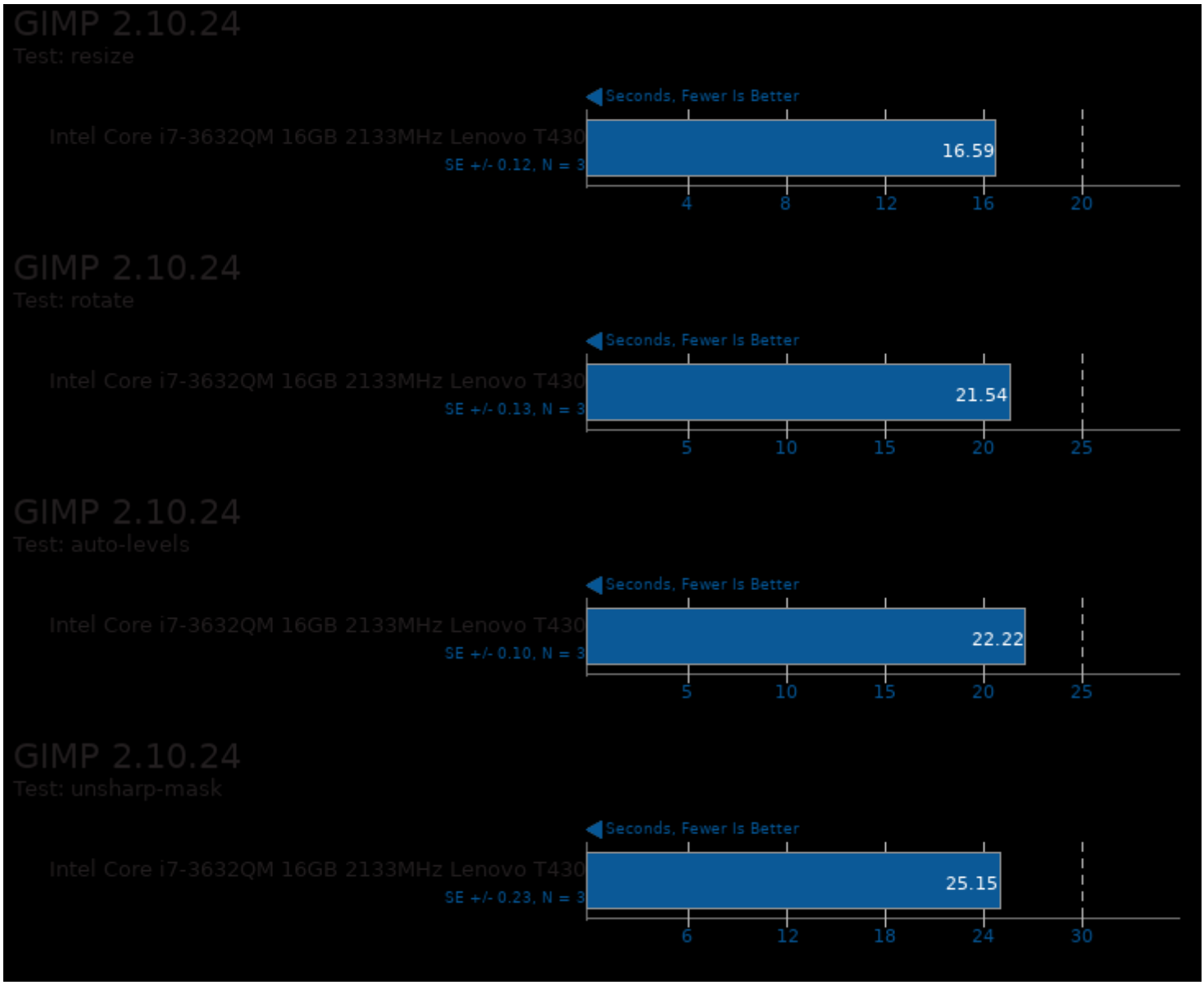
OS: Arch rolling, Kernel: 5.12.1-arch1-1 (x86_64), Display Server: X Server 1.20.11, OpenGL: 4.2 Mesa 21.0.3, Compiler: GCC 10.2.0, File-System: btrfs, Screen Resolution: 1920x1080

Kernel Notes: Transparent Huge Pages: madvise
Processor Notes: Scaling Governor: intel_cpufreq schedutil - CPU Microcode: 0x21
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: Vulnerable: No microcode + tsx_async_abort: Not affected

	Intel Core i5-3320M - Intel HD 4000 2GB - LENOVO	Intel Core i7-3632QM 16GB 2133MHz Lenovo
GIMP - resize (sec)	21.560	
Standard Deviation	0.5%	
GIMP - rotate (sec)	18.149	
Standard Deviation	1.1%	
GIMP - auto-levels (sec)	22.805	
Standard Deviation	0.3%	
GIMP - unsharp-mask (sec)	25.415	
Standard Deviation	0.7%	
LibreOffice - 2.D.T.P (sec)	**13.822**	**14.207**
Normalized	100%	97.29%
Standard Deviation	3.8%	4%
GIMP - resize (sec)		16.589
Standard Deviation		1.2%
GIMP - rotate (sec)		21.536
Standard Deviation		1%
GIMP - auto-levels (sec)		22.219
Standard Deviation		0.8%
GIMP - unsharp-mask (sec)		25.146
Standard Deviation		1.6%

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This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 13:06.