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product

Intel Core i5-1035G1 testing with a HP 86C9 v56.33 (F.19 BIOS) and i915drmfb on Ubuntu 20.04 via the Phoronix Test Suite.

Test Systems:

Intel Core i5-1035G1 - i915drmfb - HP 86C9 v56.33

Processor: Intel Core i5-1035G1 @ 1.80GHz (4 Cores / 8 Threads), Motherboard: HP 86C9 v56.33 (F.19 BIOS), Chipset: Intel Device 34ef, Memory: 8GB, Disk: 256GB Kioxia KBG30ZMV256G, Graphics: i915drmfb (1050MHz), Audio: Realtek ALC236, Network: Intel Killer Wi-Fi 6 AX1650i 160MHz

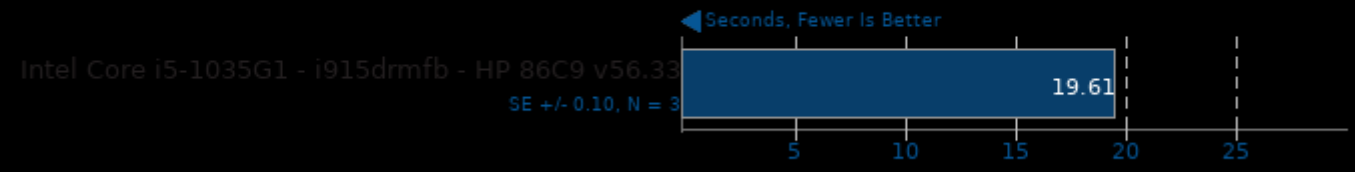
OS: Ubuntu 20.04, Kernel: 5.11.0-34-generic (x86_64), Desktop: GNOME Shell 3.36.9, Display Server: X Server 1.20.11, Compiler: GCC 9.3.0, File-System: ext4, Screen Resolution: 1920x1080

Kernel Notes: Transparent Huge Pages: madvise
Processor Notes: Scaling Governor: intel_pstate powersave - CPU Microcode: 0xa6 - Thermald 1.9.1
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

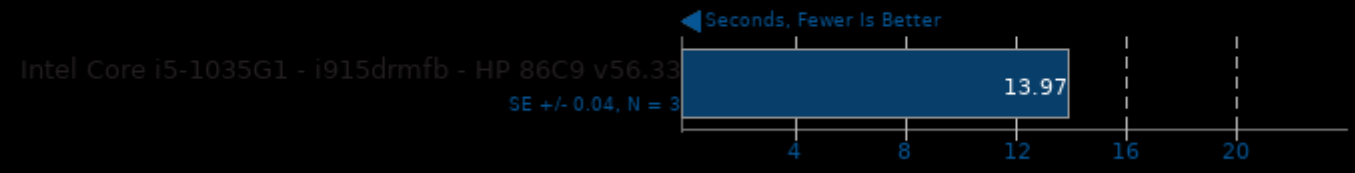
product

	Intel Core i5-1035G1 - i915drmfb - HP 86C9 v56.33
GEGL - Crop (sec)	19.610
Standard Deviation	0.9%
GEGL - Scale (sec)	13.967
Standard Deviation	0.5%
GEGL - Cartoon (sec)	203.857
Standard Deviation	0.1%
GEGL - Reflect (sec)	71.881
Standard Deviation	0.3%
GEGL - Antialias (sec)	89.738
Standard Deviation	0.4%
GEGL - Tile Glass (sec)	72.123
Standard Deviation	0.9%
GEGL - Wavelet Blur (sec)	143.889
Standard Deviation	0.2%
GEGL - Color Enhance (sec)	134.146
Standard Deviation	0.4%
GEGL - Rotate 90 Degrees (sec)	94.162
Standard Deviation	0.1%
GIMP - resize (sec)	18.857
Standard Deviation	0.2%
GIMP - rotate (sec)	23.473
Standard Deviation	0.2%
GIMP - auto-levels (sec)	24.979
Standard Deviation	0.1%
GIMP - unsharp-mask (sec)	30.507
Standard Deviation	2.5%
Inkscape - SVG Files To PNG (sec)	55.121
Standard Deviation	0.1%
LibreOffice - 2.D.T.P (sec)	14.075
Standard Deviation	6.3%
GNU Octave Benchmark (sec)	13.256
Standard Deviation	0.5%

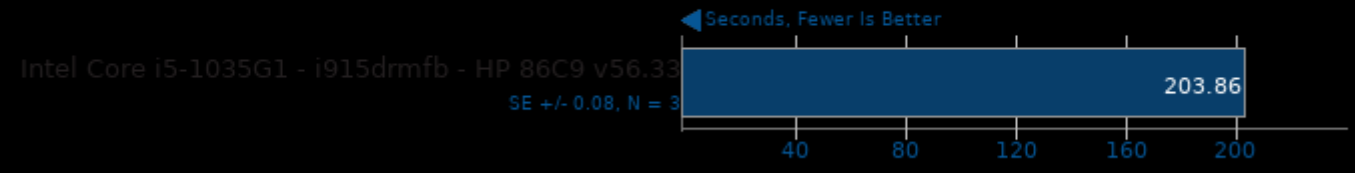
GEGL
Operation: Crop



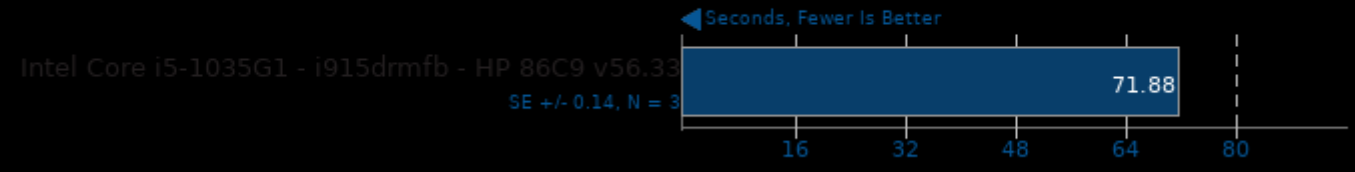
GEGL
Operation: Scale



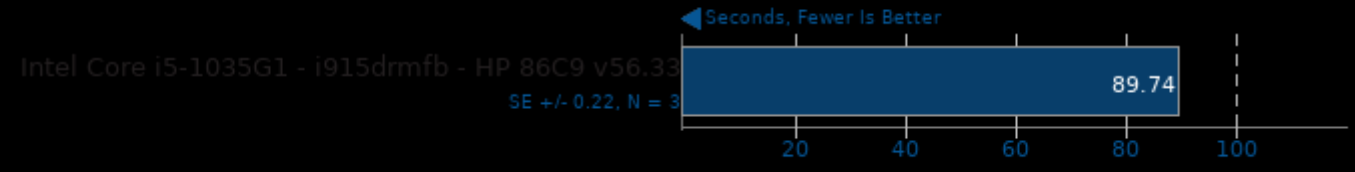
GEGL
Operation: Cartoon



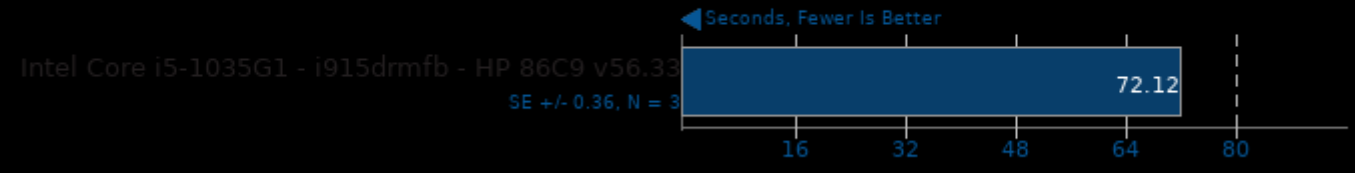
GEGL
Operation: Reflect



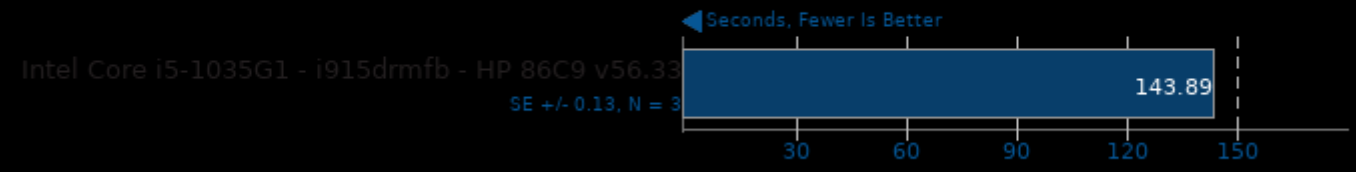
GEGL
Operation: Antialias



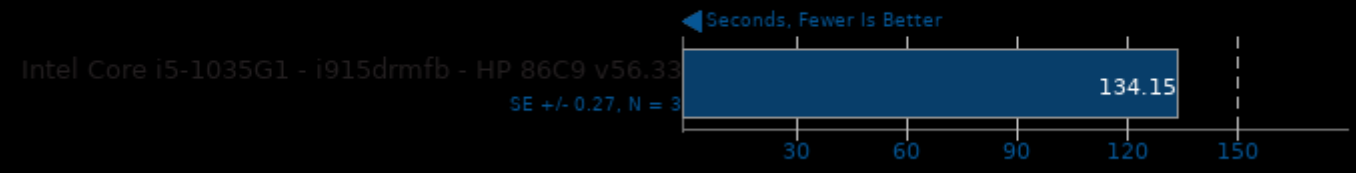
GEGL
Operation: Tile Glass



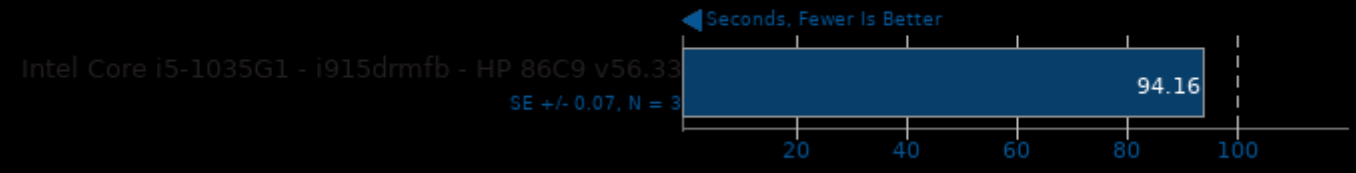
GEGL
Operation: Wavelet Blur



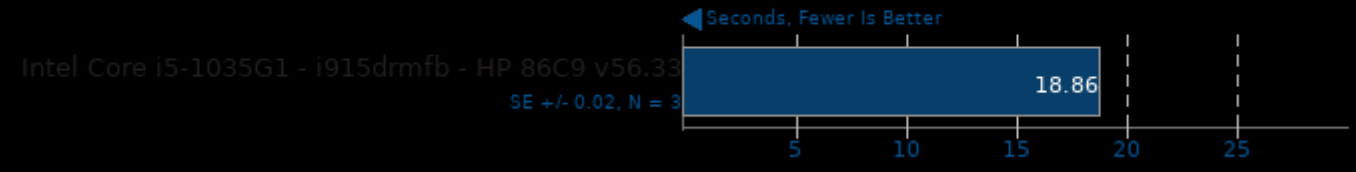
GEGL
Operation: Color Enhance



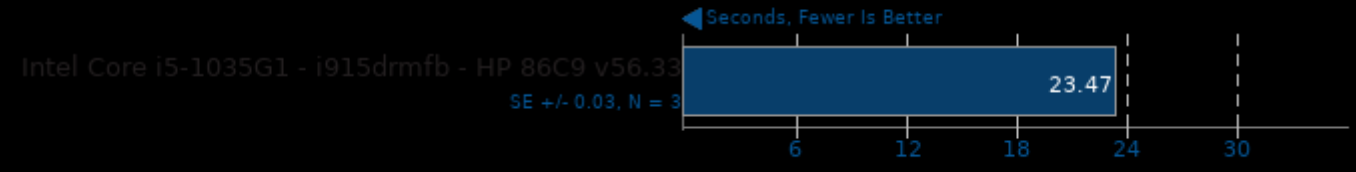
GEGL
Operation: Rotate 90 Degrees



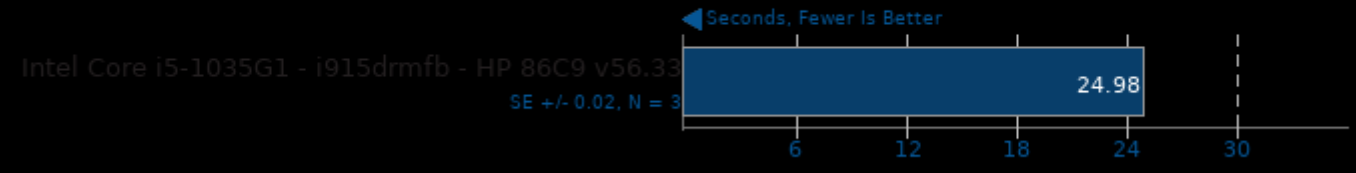
GIMP 2.10.18
Test: resize

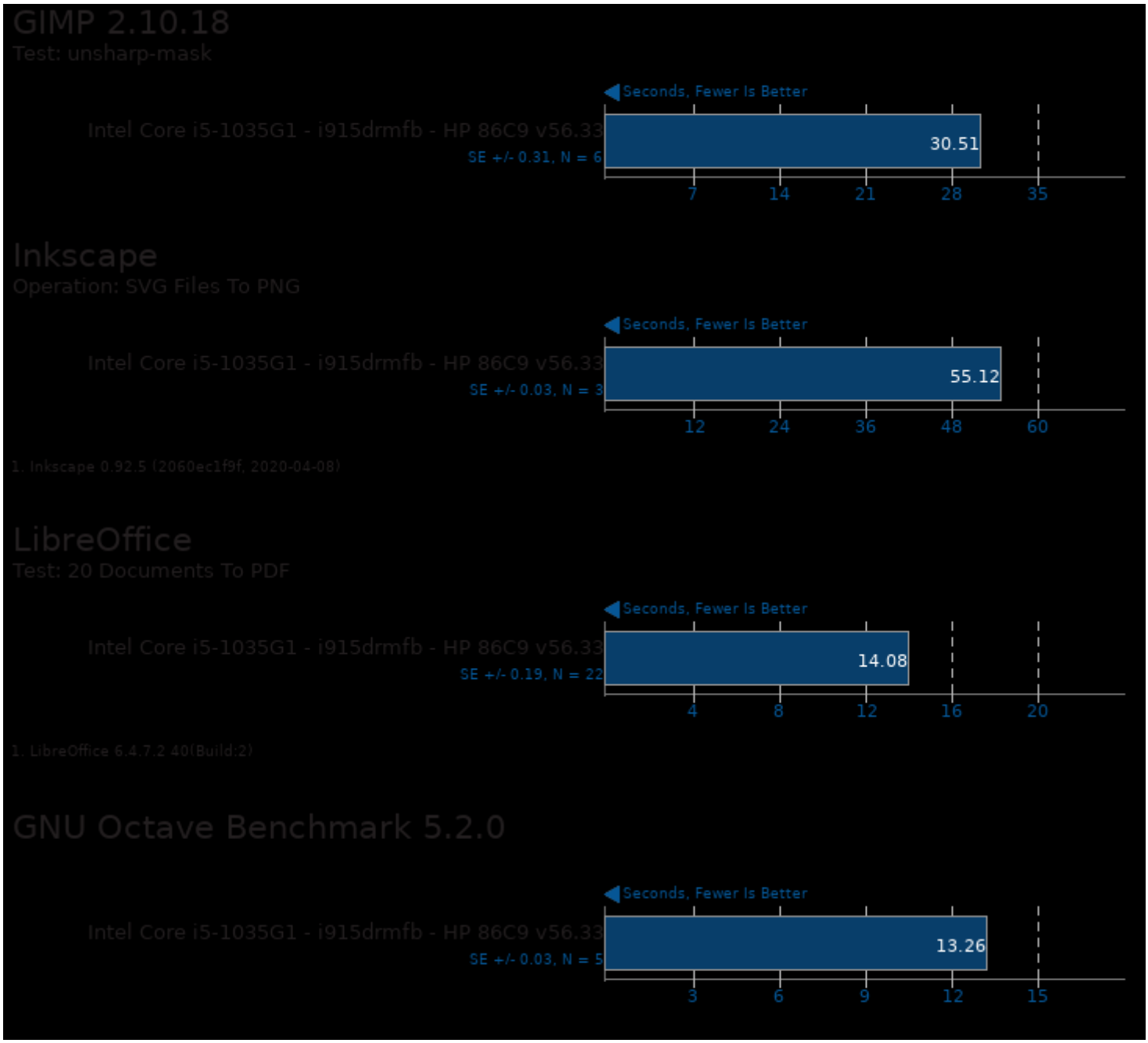


GIMP 2.10.18
Test: rotate



GIMP 2.10.18
Test: auto-levels





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