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etl 4500u

AMD Ryzen 5 4500U testing with a LENOVO LNVNB161216 (EECN20WW BIOS) and AMD Renoir 512MB on Ubuntu 21.04 via the Phoronix Test Suite.

Test Systems:

1

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3

Processor: AMD Ryzen 5 4500U @ 2.38GHz (6 Cores), Motherboard: LENOVO LNVNB161216 (EECN20WW BIOS), Chipset: AMD Renoir Root Complex, Memory: 16GB, Disk: 256GB SK hynix HFM256GDHTNI-87A0B, Graphics: AMD Renoir 512MB (1500/400MHz), Audio: AMD Renoir Radeon HD Audio, Network: Realtek RTL8822CE 802.11ac PCIe

OS: Ubuntu 21.04, Kernel: 5.13.0-051300-generic (x86_64), Desktop: GNOME Shell 3.38.4, Display Server: X Server + Wayland, OpenGL: 4.6 Mesa 21.2.0-devel (git-c246af0 2021-07-04 hirsute-oibaf-ppa) (LLVM 12.0.0), Vulkan: 1.2.182,

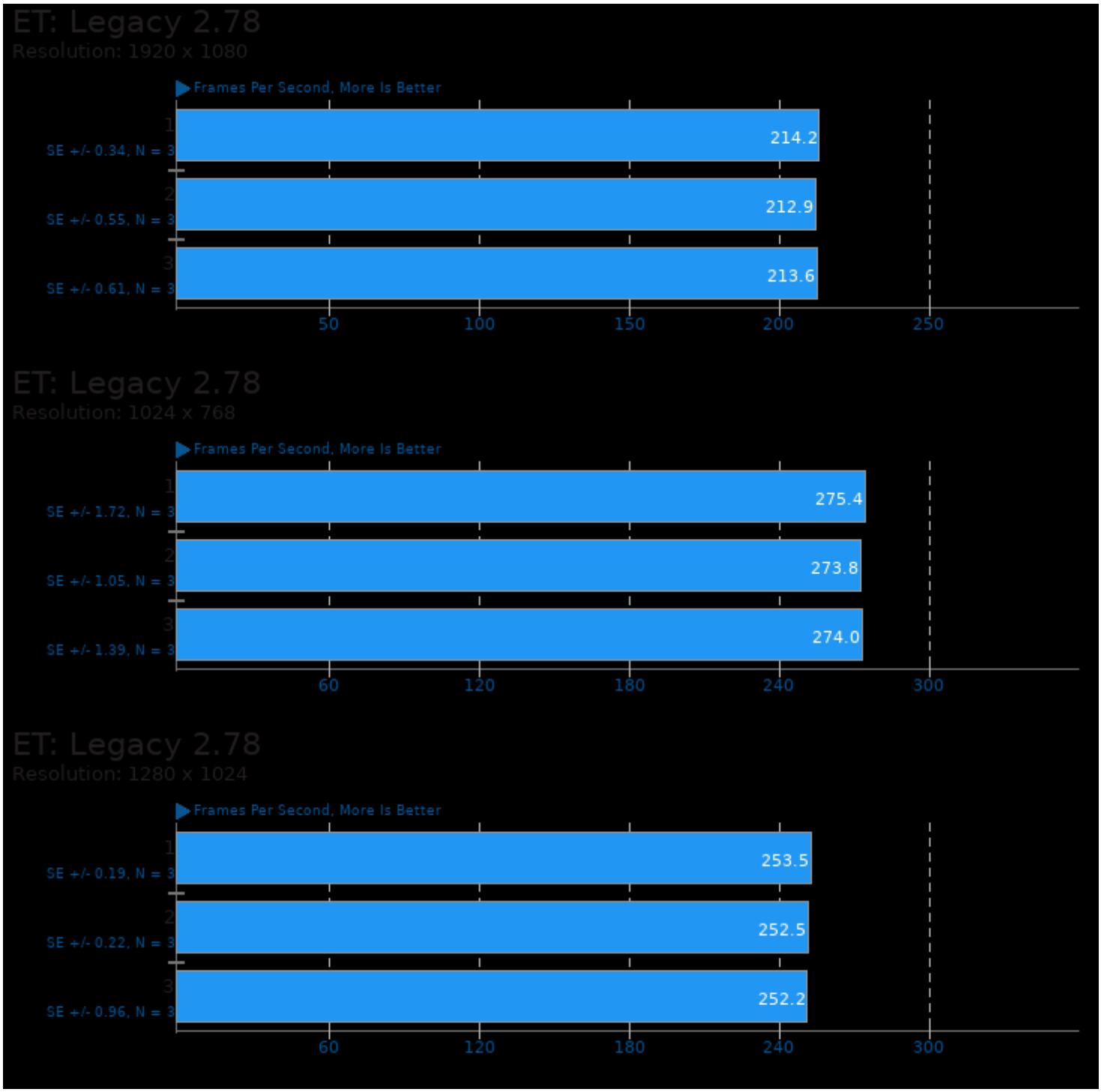
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Compiler: GCC 10.3.0, File-System: ext4, Screen Resolution: 1920x1080

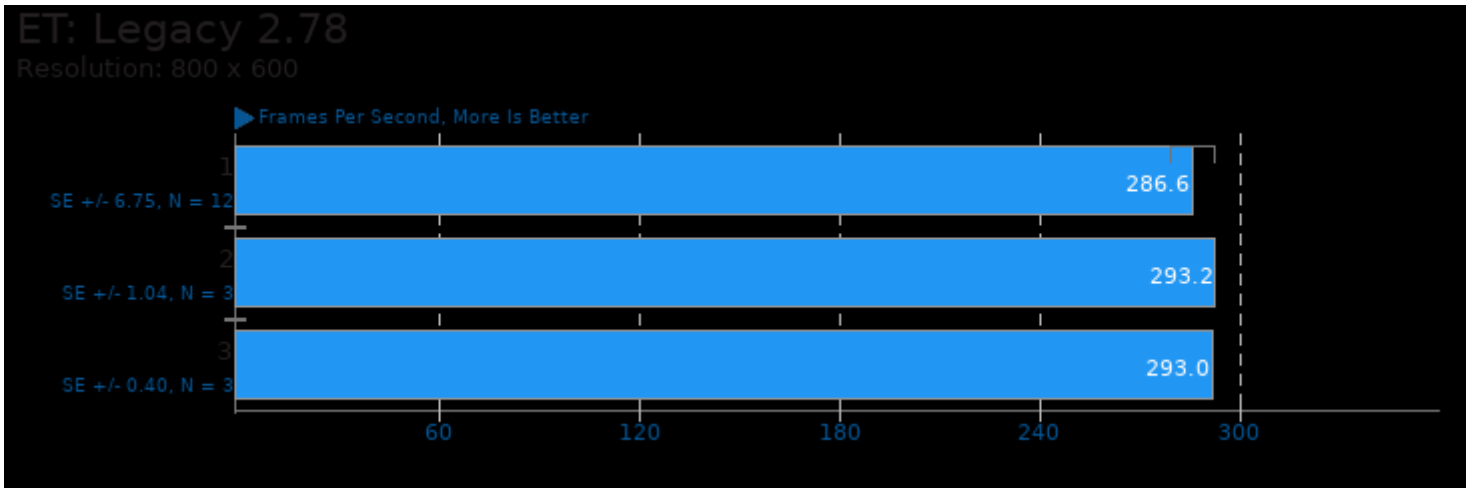
Kernel Notes: Transparent Huge Pages: madvise
Processor Notes: Scaling Governor: acpi-cpufreq schedutil (Boost: Enabled) - Platform Profile: balanced - CPU Microcode: 0x8600102 - ACPI Profile: balanced
Graphics Notes: BAR1 / Visible vRAM Size: 512 MB
Security Notes: itlb_multihit: Not affected + l1tf: 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 Full AMD retpoline IBPB: conditional IBRS_FW STIBP: disabled RSB filling + srbds: Not affected + tsx_async_abort: Not affected

	1	2	3
ET: Legacy - 1920 x 1080 (FPS)	**214.2**	**212.9**	213.6
Normalized	100%	99.39%	99.72%
Standard Deviation	0.3%	0.4%	0.5%
ET: Legacy - 1024 x 768 (FPS)	**275.4**	**273.8**	274.0
Normalized	100%	99.42%	99.49%
Standard Deviation	1.1%	0.7%	0.9%
ET: Legacy - 1280 x 1024 (FPS)	**253.5**	252.5	**252.2**
Normalized	100%	99.61%	99.49%
Standard Deviation	0.1%	0.1%	0.7%
ET: Legacy - 800 x 600 (FPS)	**286.6**	**293.2**	293.0
Normalized	97.75%	100%	99.93%
Standard Deviation	8.2%	0.6%	0.2%

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ET: Legacy 2.78
Resolution: 1920 x 1080
Frames Per Second, More Is Better
1
SE +/- 0.34, N = 3
214.2
2
SE +/- 0.55, N = 3
212.9
3
SE +/- 0.61, N = 3
213.6
50
100
150
200
250
ET: Legacy 2.78
Resolution: 1024 x 768
Frames Per Second, More Is Better
1
SE +/- 1.72, N = 3
275.4
2
SE +/- 1.05, N = 3
273.8
3
SE +/- 1.39, N = 3
274.0
60
120
180
240
300
ET: Legacy 2.78
Resolution: 1280 x 1024
Frames Per Second, More Is Better
1
SE +/- 0.19, N = 3
253.5
2
SE +/- 0.22, N = 3
252.5
3
SE +/- 0.96, N = 3
252.2
60
120
180
240
300

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This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 15:22.