

www.phoronix-test-suite.com

internet speed

AMD Ryzen 5 5500U testing with a LENOVO LNVNB161216 (GLCN22WW BIOS) and AMD Lucienne 2GB on Ubuntu 21.10 via the Phoronix Test Suite.

Automated Executive Summary

C had the most wins, coming in first place for 71% of the tests.

Based on the geometric mean of all complete results, the fastest (C) was 1.348x the speed of the slowest (A). B was 0.801x the speed of C and A was 0.926x the speed of B.

Test Systems:

A

B

internet speed

C

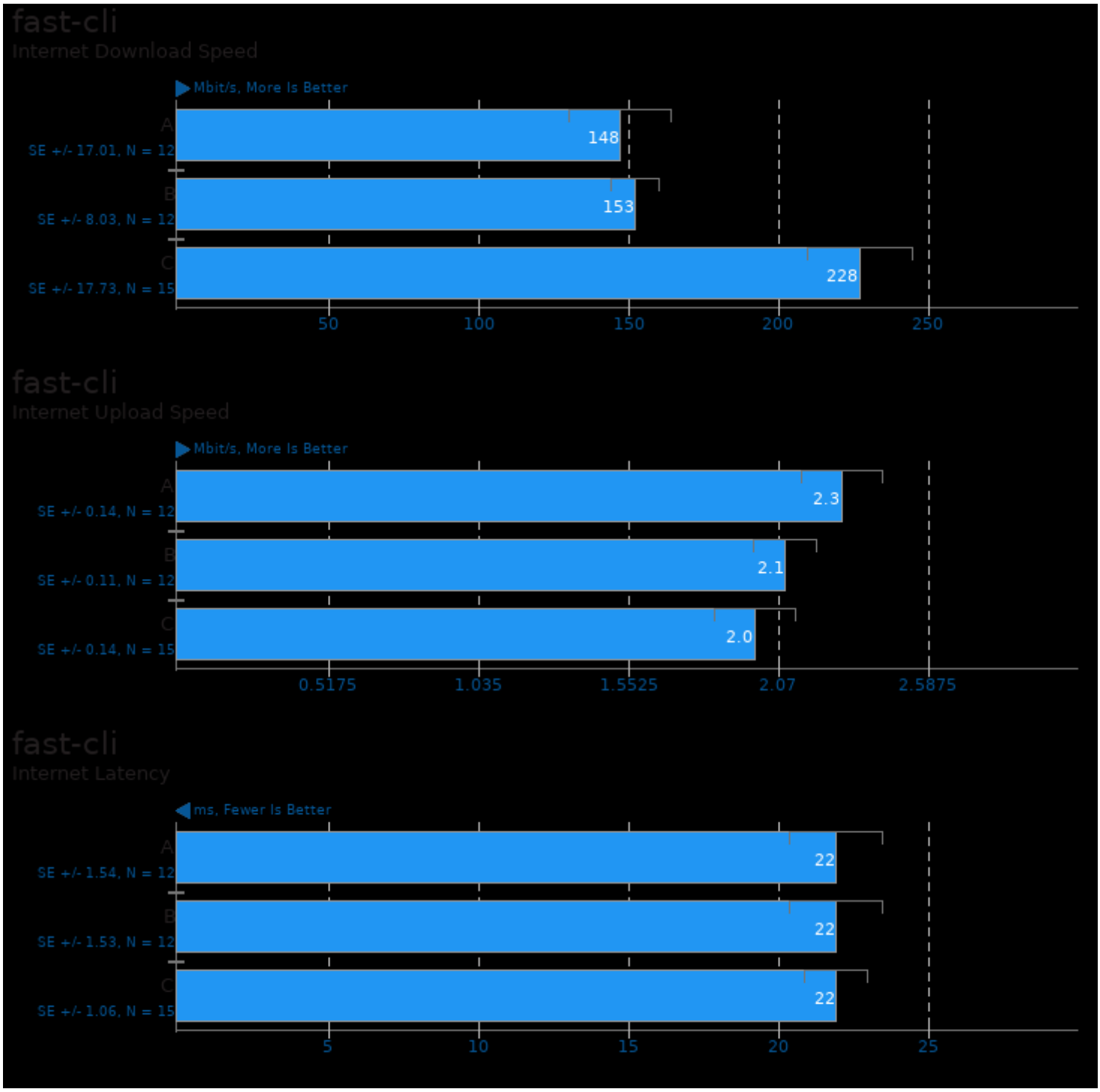
Processor: AMD Ryzen 5 5500U @ 4.06GHz (6 Cores / 12 Threads), Motherboard: LENOVO LNVNB161216 (GLCN22WW BIOS), Chipset: AMD Renoir/Cezanne, Memory: 6GB, Disk: 256GB SAMSUNG MZALQ256HBJD-00BL2, Graphics: AMD Lucienne 2GB (1800/400MHz), Audio: AMD Renoir Radeon HD Audio, Network: Qualcomm Atheros QCA6174 802.11ac

OS: Ubuntu 21.10, Kernel: 5.17.0-051700-generic (x86_64), Desktop: GNOME Shell 40.5, Display Server: X Server + Wayland, OpenGL: 4.6 Mesa 22.1.0-devel (git-729f95a 2022-03-24 impish-oibaf-ppa) (LLVM 13.0.1 DRM 3.44), Vulkan: 1.3.207, Compiler: GCC 11.2.0, File-System: ext4, Screen Resolution: 1920x1080

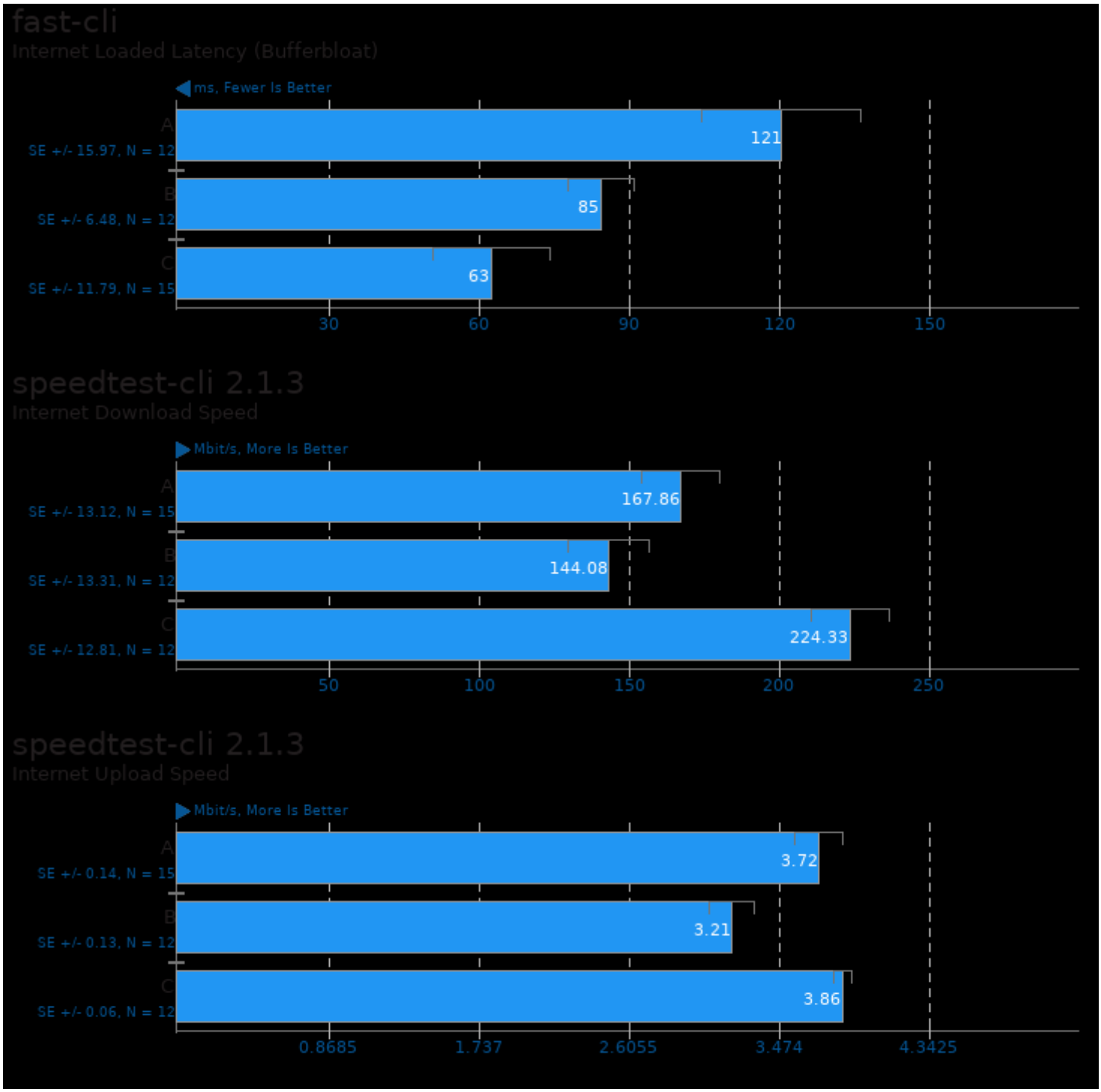
Kernel Notes: Transparent Huge Pages: madvise
Processor Notes: Scaling Governor: amd-pstate performance (Boost: Enabled) - CPU Microcode: 0x8608102
Python Notes: Python 3.9.7
Security Notes: itlb_multihit: Not affected + l1tf: Not affected + mds: Not affected + meltdown: Not affected + spec_store_bypass: Mitigation of SSB disabled via prctl + 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: Not affected

	A	B	C
fast-cli - I.D.S (Mbit/s)	**148**	153	**228**
Normalized	64.91%	67.11%	100%
Standard Deviation	39.9%	18.2%	30.1%
fast-cli - I.U.S (Mbit/s)	**2.3**	2.1	**2.0**
Normalized	100%	91.3%	86.96%
Standard Deviation	21%	18.5%	26.4%
fast-cli - Internet Latency (ms)	22	22	22
Standard Deviation	24.2%	23.9%	18.5%
fast-cli - I.L.L.B (ms)	**121**	85	**63**
Normalized	52.07%	74.12%	100%
Standard Deviation	45.7%	26.3%	72.7%
speedtest-cli - I.D.S (Mbit/s)	167.86	**144.08**	**224.33**
Normalized	74.83%	64.23%	100%
Standard Deviation	30.3%	32%	19.8%
speedtest-cli - I.U.S (Mbit/s)	3.72	**3.21**	**3.86**
Normalized	96.37%	83.16%	100%
Standard Deviation	14.5%	14.3%	5%
speedtest-cli - Internet Latency (ms)	**62.357**	36.206	**27.452**
Normalized	44.02%	75.82%	100%
Standard Deviation	48.8%	38%	27.3%

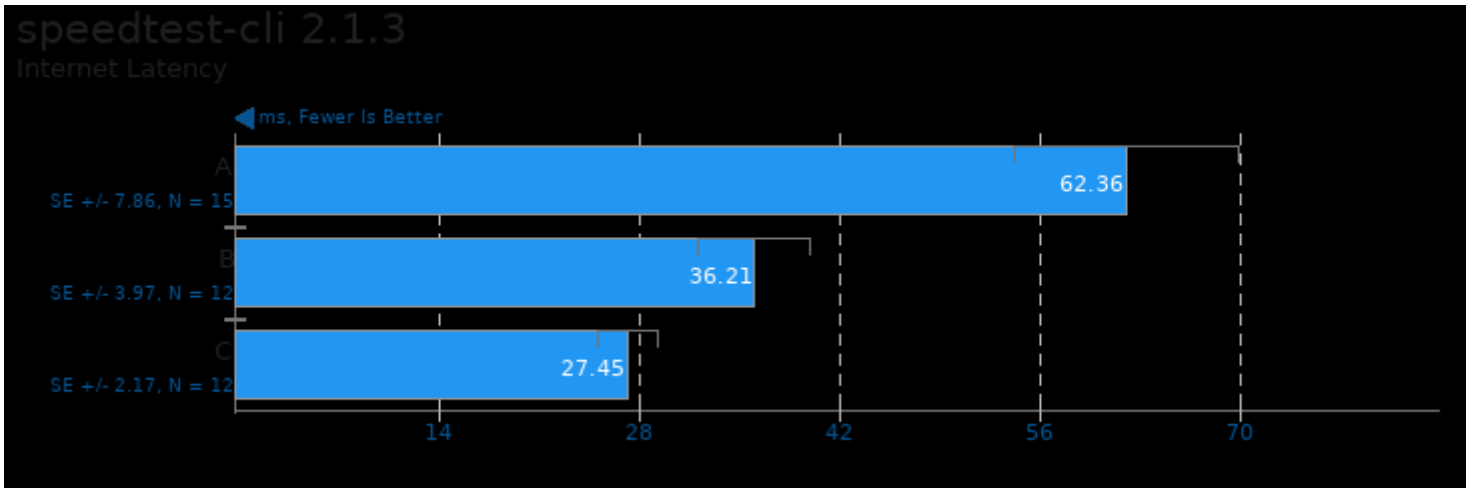
internet speed



internet speed

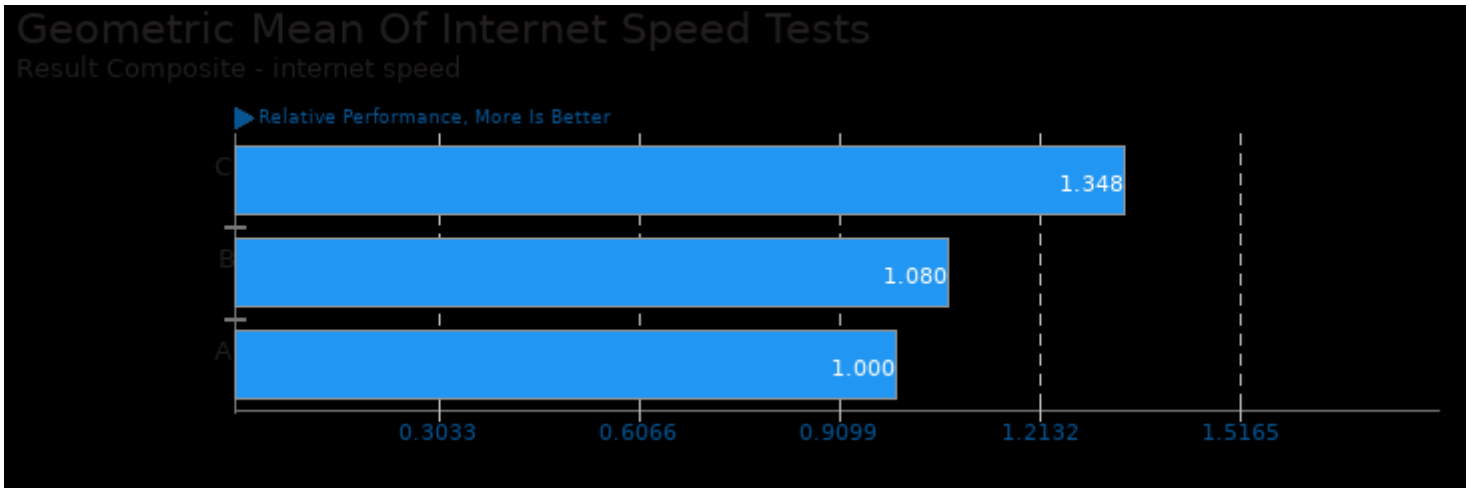


internet speed



internet speed

These geometric means are based upon test groupings / test suites for this result file.



Geometric mean based upon tests: pts/fast-cli and pts/speedtest-cli

This file was automatically generated via the Phoronix Test Suite benchmarking software on Friday, 29 March 2024 07:34.