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Comcast Internet Speed

Intel Core i7-1165G7 testing with a Dell 0GG9PT (3.3.0 BIOS) and Intel Xe TGL GT2 3GB on Ubuntu 21.10 via the Phoronix Test Suite.

Automated Executive Summary

May 02 21 had the most wins, coming in first place for 28% of the tests.

Test Systems:

May 02 06

May 02 07

May 02 09

May 02 10

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May 02 11

May 02 13

May 02 14

May 02 15

May 02 17

May 02 18

May 02 19

May 02 21

May 02 22

May 02 23

May 03 01

May 03 02

May 03 03

May 03 05

Processor: Intel Core i7-1165G7 @ 4.70GHz (4 Cores / 8 Threads), Motherboard: Dell 0GG9PT (3.3.0 BIOS), Chipset: Intel Tiger Lake-LP, Memory: 16GB, Disk: Kioxia KBG40ZNS256G NVMe 256GB, Graphics: Intel Xe TGL GT2 3GB (1300MHz), Audio: Realtek ALC289, Network: Intel Wi-Fi 6 AX201

OS: Ubuntu 21.10, Kernel: 5.13.0-39-generic (x86_64), Desktop: GNOME Shell 40.5, Display Server: X Server + Wayland, OpenGL: 4.6 Mesa 21.2.2, Vulkan: 1.2.182, Compiler: GCC 11.2.0, File-System: ext4, Screen Resolution: 1920x1200

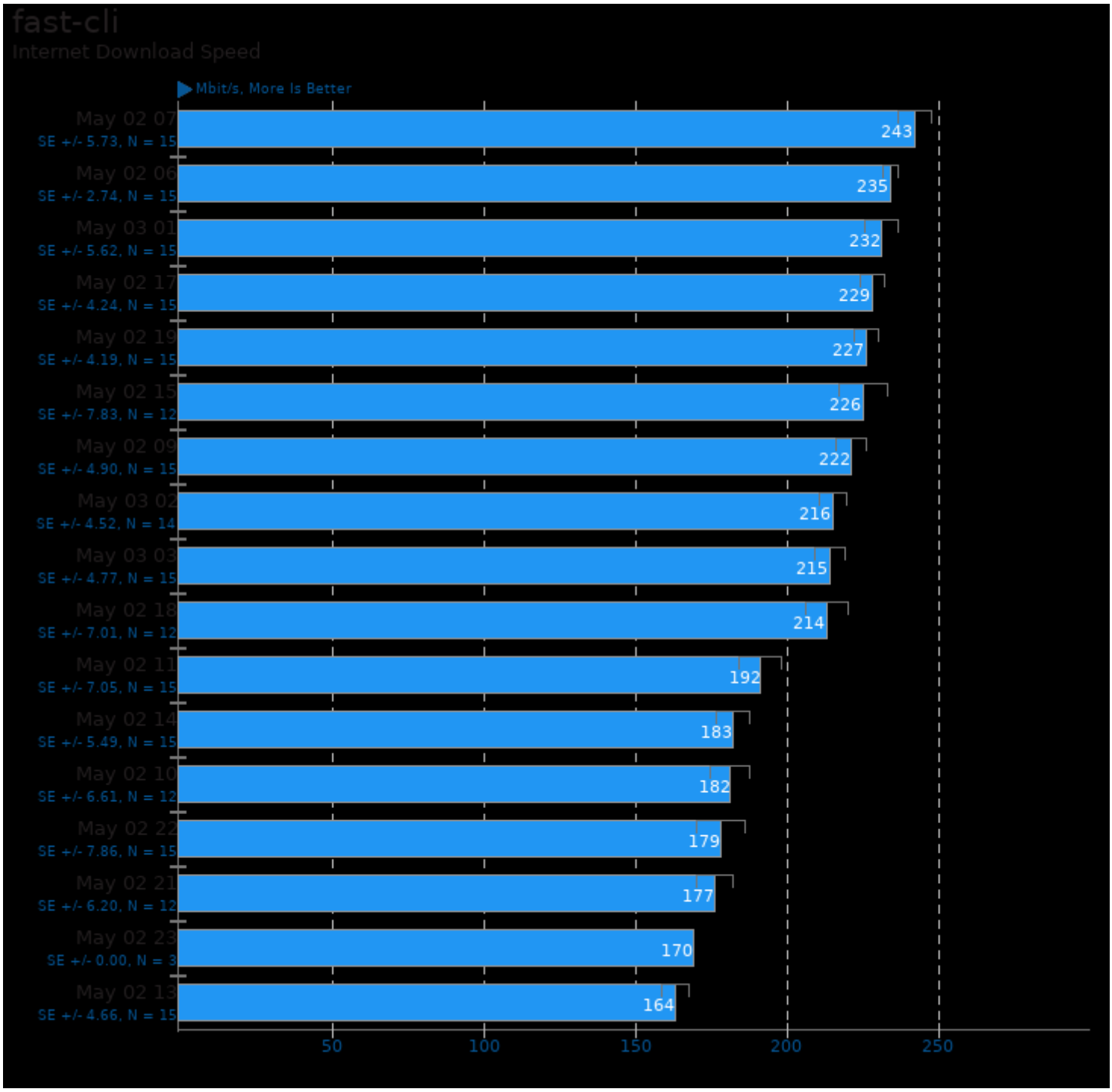
Kernel Notes: Transparent Huge Pages: madvise
Processor Notes: Scaling Governor: intel_pstate powersave (EPP: balance_performance) - CPU Microcode: 0x88 - Thermald 2.4.6
Python Notes: Python 3.9.7
Security Notes: itlb_multihit: Not affected + l1tf: Not affected + mds: Not affected + meltdown: Not affected + spec_store_bypass: Mitigation of SSB disabled via prctl 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

	May 02 06	May 02 07	May 02 09	May 02 10	May 02 11	May 02 13	May 02 14	May 02 15	May 02 17	May 02 18	May 02 19	May 02 21	May 02 22	May 02 23	May 03 01	May 03 02	May 03 03	May 03 05

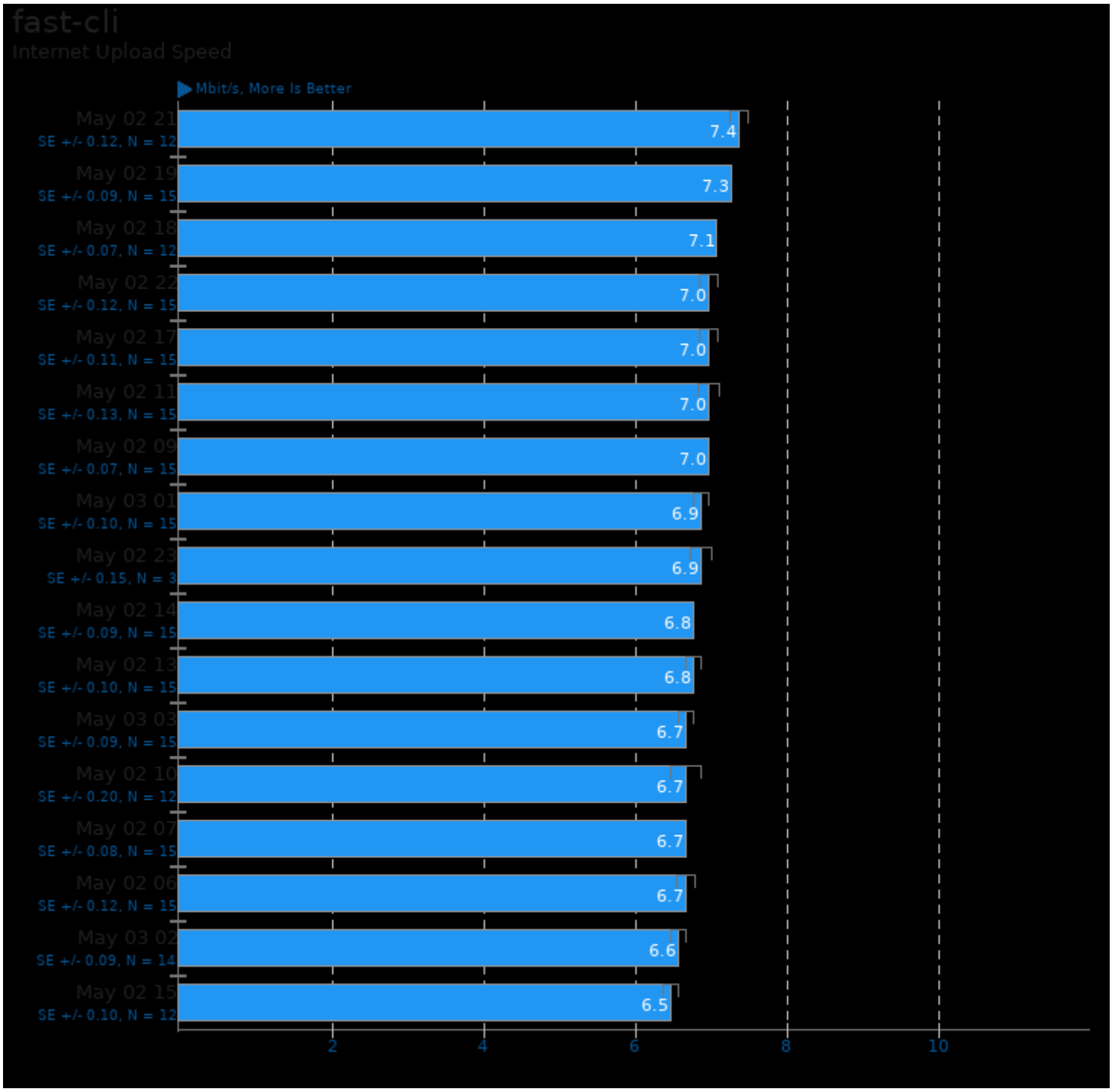
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fast-cli - I.D.S (Mbit/s)	235	243	222	182	192	164	183	226	229	214	227	177	179	170	232	216	215
Normalized	96.71%	100%	91.36%	74.9%	79.01%	67.49%	75.31%	93%	94.24%	88.07%	93.42%	72.84%	73.66%	69.96%	95.47%	88.89%	88.48%
Standard Deviation	4.5%	9.1%	8.5%	12.6%	14.2%	11%	11.6%	12%	7.2%	11.3%	7.1%	12.1%	17%	0%	9.4%	7.8%	8.6%
fast-cli - I.U.S (Mbit/s)	6.7	6.7	7.0	6.7	7.0	6.8	6.8	6.5	7.0	7.1	7.3	7.4	7.0	6.9	6.9	6.6	6.7
Normalized	90.54%	90.54%	94.59%	90.54%	94.59%	91.89%	91.89%	87.84%	94.59%	95.95%	98.65%	100%	94.59%	93.24%	93.24%	89.19%	90.54%
Standard Deviation	6.8%	4.5%	3.8%	10.2%	7.4%	5.8%	4.9%	5.3%	6.2%	3.2%	4.5%	5.4%	6.4%	3.7%	5.5%	5.3%	5.2%
fast-cli - Internet Latency (ms)	17	17	16	21	22	24	22	18	18	17	17	18	19	18	17	18	16
Normalized	94.12%	94.12%	100%	76.19%	72.73%	66.67%	72.73%	88.89%	88.89%	94.12%	94.12%	88.89%	84.21%	88.89%	94.12%	88.89%	100%
Standard Deviation	9.1%	13.5%	10.8%	13.1%	18.5%	13.8%	14.9%	13.1%	7.7%	13.9%	9.6%	8.2%	9.2%	9.6%	11%	6.1%	7.2%
fast-cli - I.L.L.B (ms)	75	85	90	71	75	70	75	105	94	97	105	88	80	81	71	92	85
Normalized	93.33%	82.35%	77.78%	98.59%	93.33%	100%	93.33%	66.67%	74.47%	72.16%	66.67%	79.55%	87.5%	86.42%	98.59%	76.09%	82.35%
Standard Deviation	45.6%	34.2%	35.9%	31.7%	25.3%	42.3%	30%	36.5%	39.9%	36.9%	30.4%	35.3%	28.8%	45.8%	30.7%	35.7%	36%
speedtest-cli - I.D.S (Mbit/s)	166.40	169.94	165.25	113.30	131.94	119.83	82.23	138.07	162.42	175.32	183.39	94.17	86.44	88.15	107.31	135.80	124.48
Normalized	90.74%	92.67%	90.11%	61.78%	71.95%	65.34%	44.84%	75.29%	88.57%	95.6%	100%	51.35%	47.13%	48.07%	58.51%	74.05%	67.88%
Standard Deviation	7.4%	10.5%	7.7%	19%	13.7%	15.4%	34.6%	25.4%	19.5%	15%	13.2%	18.3%	24.5%	25%	33.2%	27.7%	8.3%
speedtest-cli - I.U.S (Mbit/s)	8.68	8.77	9.06	8.57	9.03	8.72	8.82	8.08	8.96	8.76	9.07	9.55	8.83	8.58	8.86	9.04	8.41
Normalized	90.89%	91.83%	94.87%	89.74%	94.55%	91.31%	92.36%	84.61%	93.82%	91.73%	94.97%	100%	92.46%	89.84%	92.77%	94.66%	88.06%
Standard Deviation	3.9%	5.7%	6.1%	5.3%	5%	4.9%	5.8%	6.7%	4.7%	3.3%	4.2%	2.5%	5%	7.3%	2.7%	4%	1.7%
speedtest-cli - Internet Latency (ms)	23.752	29.412	23.357	33.057	37.163	38.434	54.446	36.236	37.978	27.987	25.433	39.663	34.630	33.264	33.584	32.151	28.805
Normalized	98.34%	79.41%	100%	70.66%	62.85%	60.77%	42.9%	64.46%	61.5%	83.46%	91.84%	58.89%	67.45%	70.22%	69.55%	72.65%	81.09%
Standard Deviation	23.1%	39.1%	16.4%	17%	23%	21.8%	10.7%	14.4%	8.8%	20.8%	25.5%	15.1%	16%	22.4%	26.8%	23.5%	7.2%

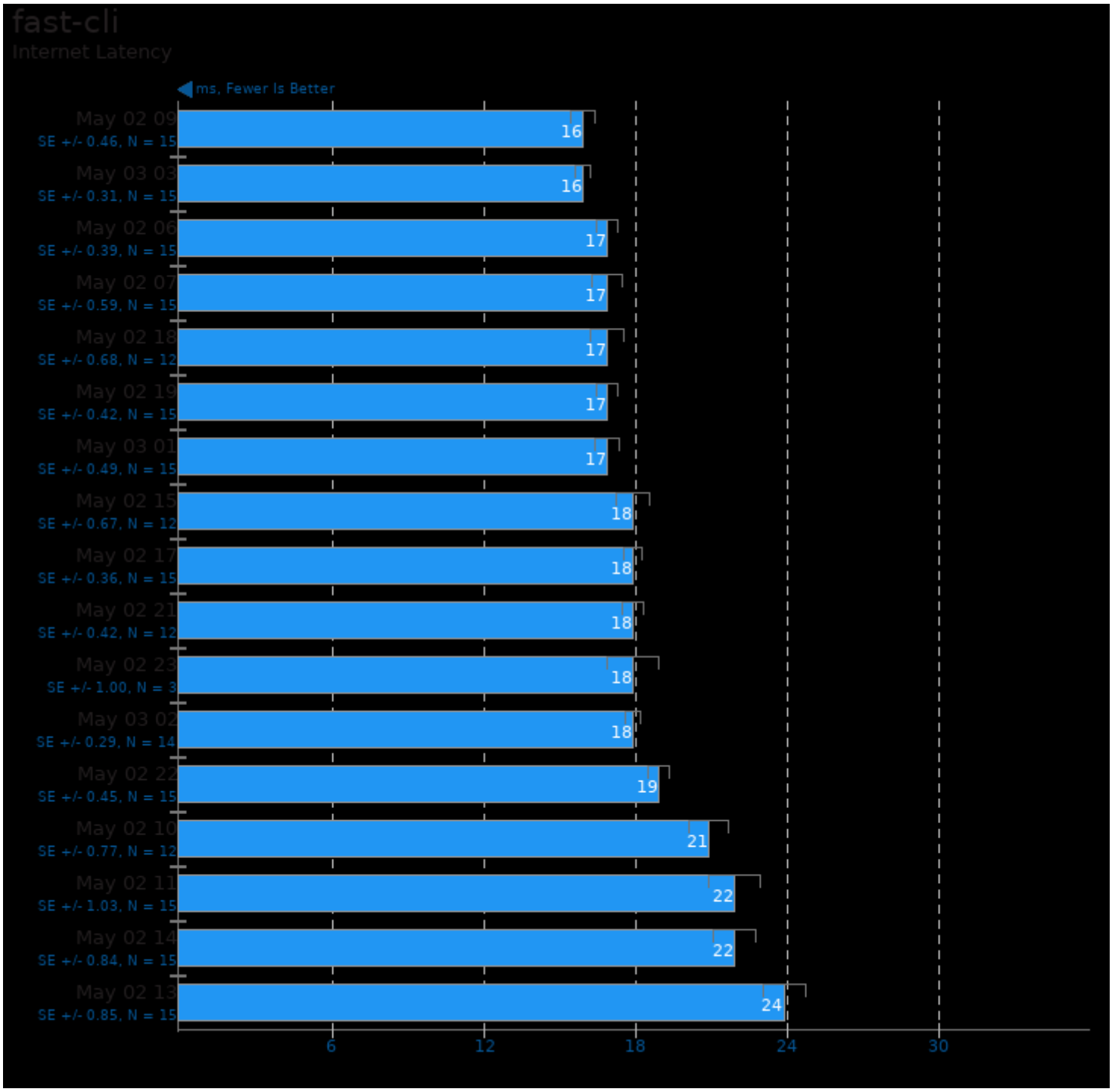
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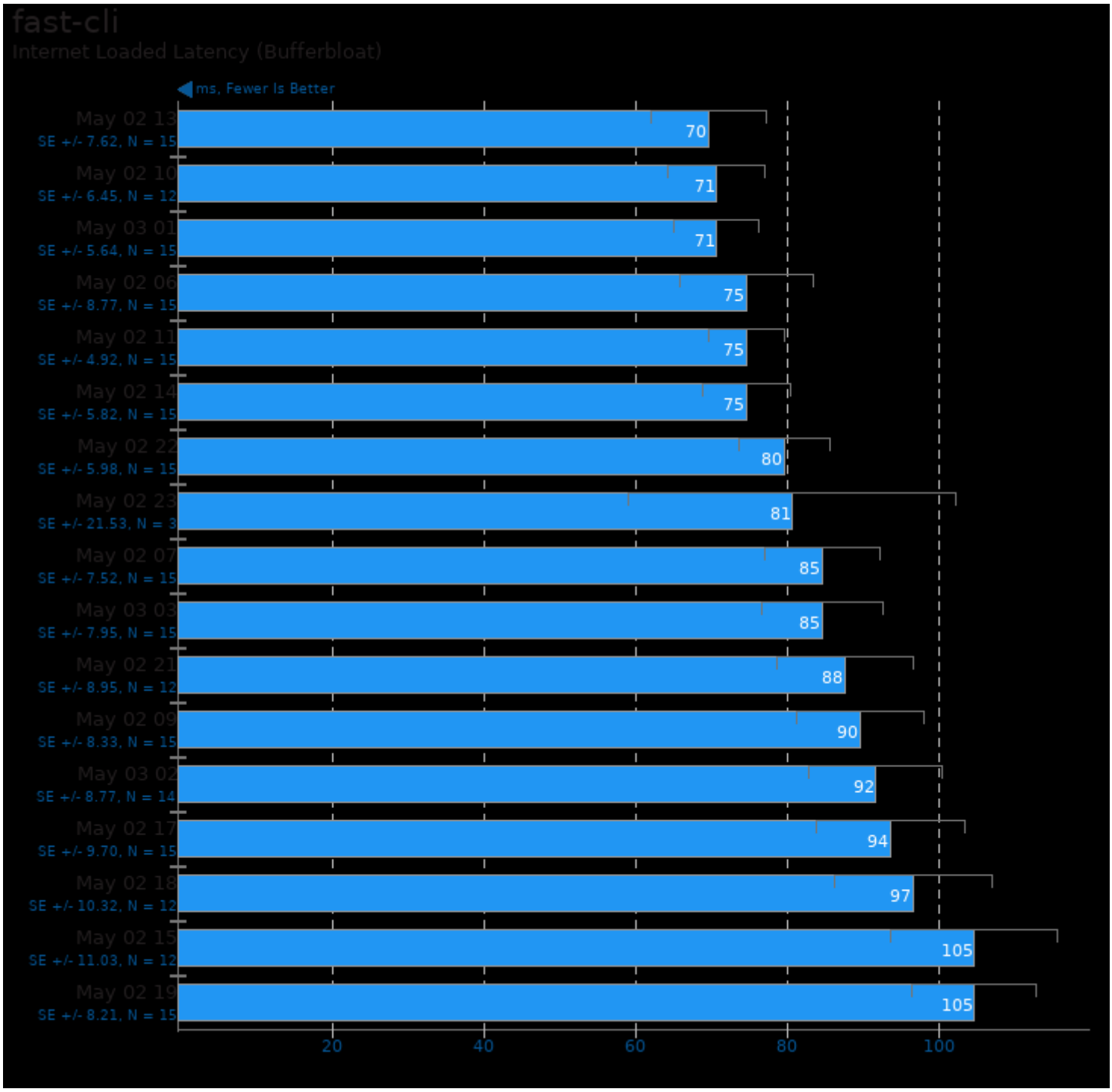
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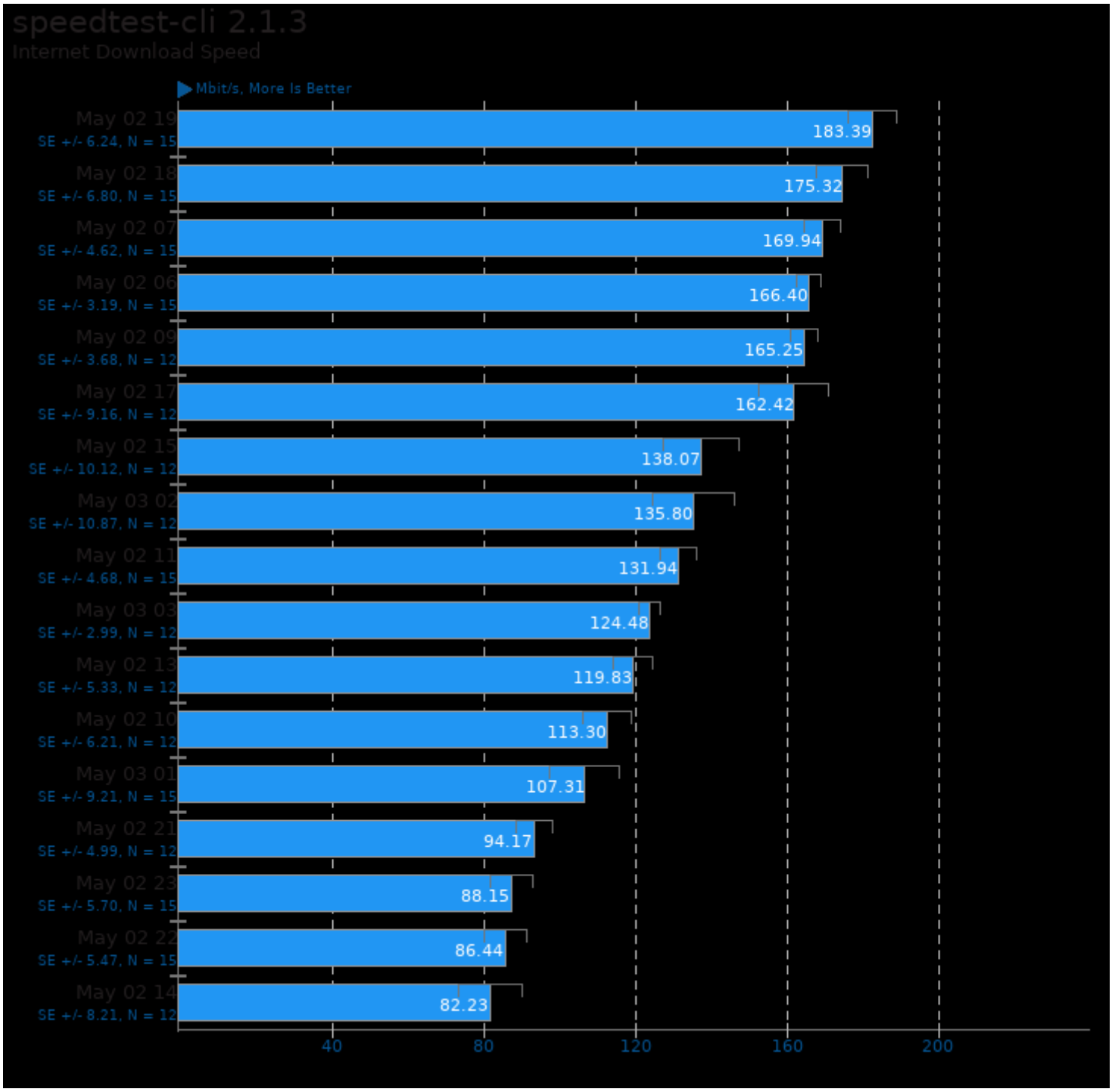
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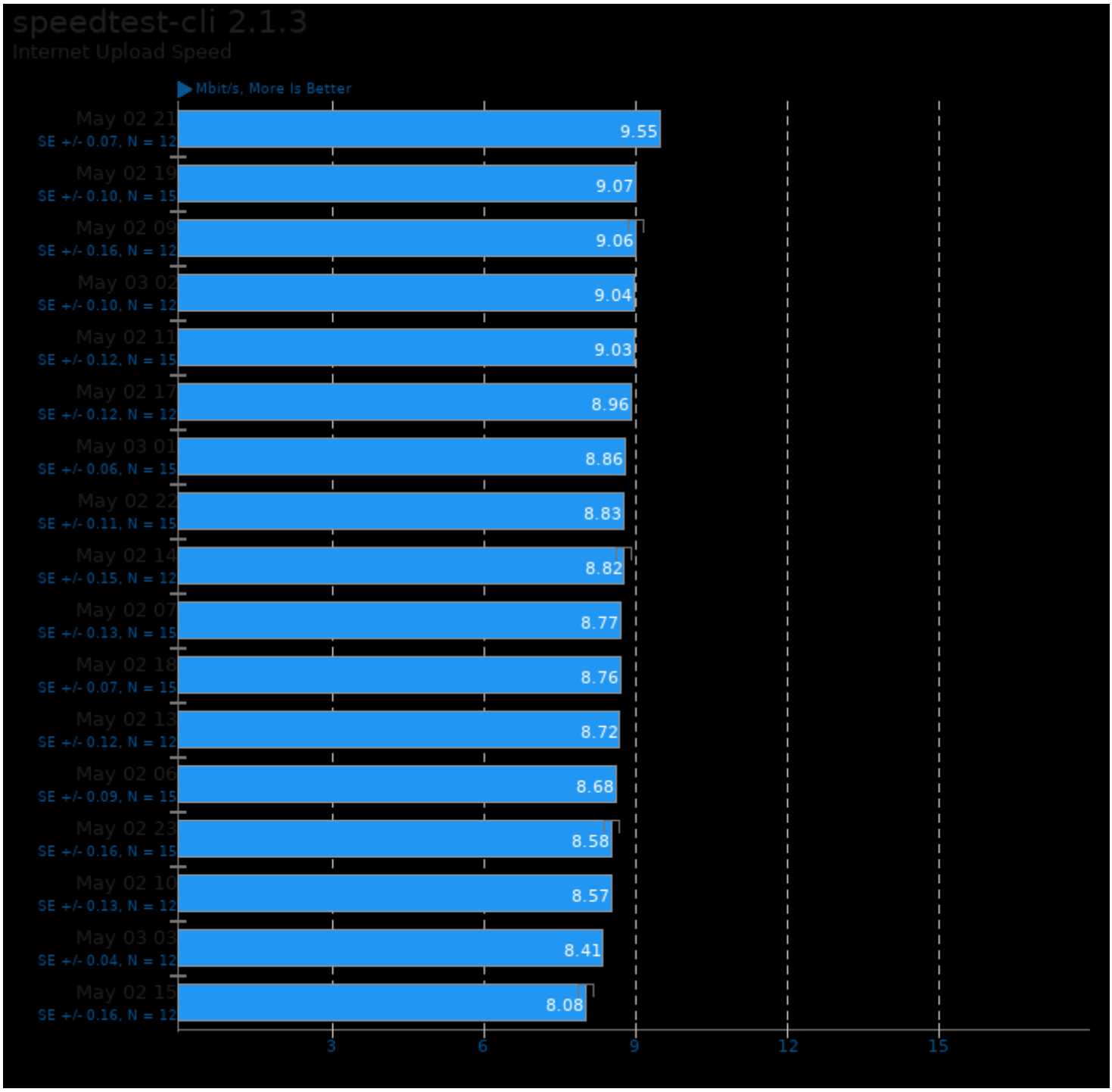
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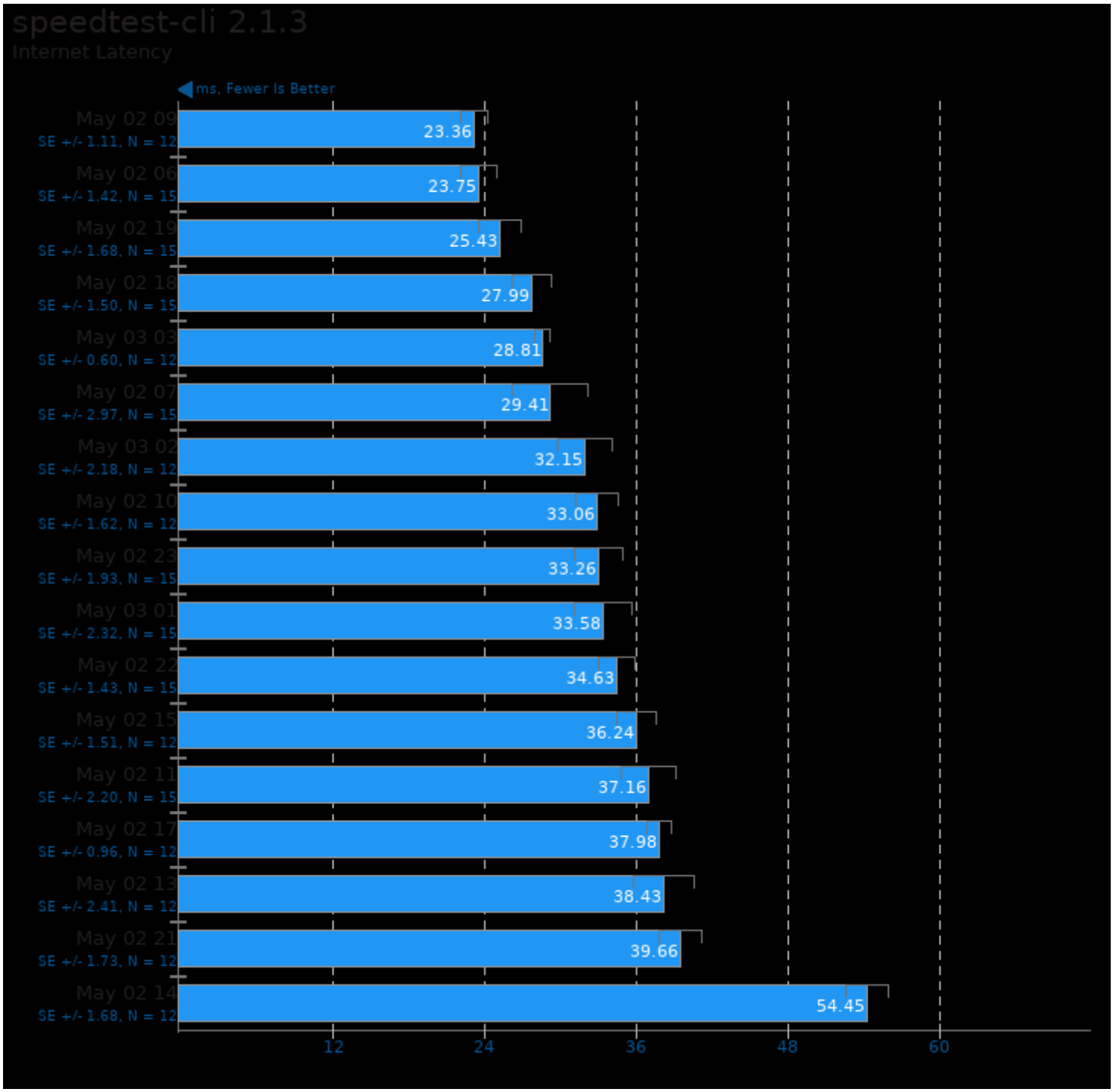
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