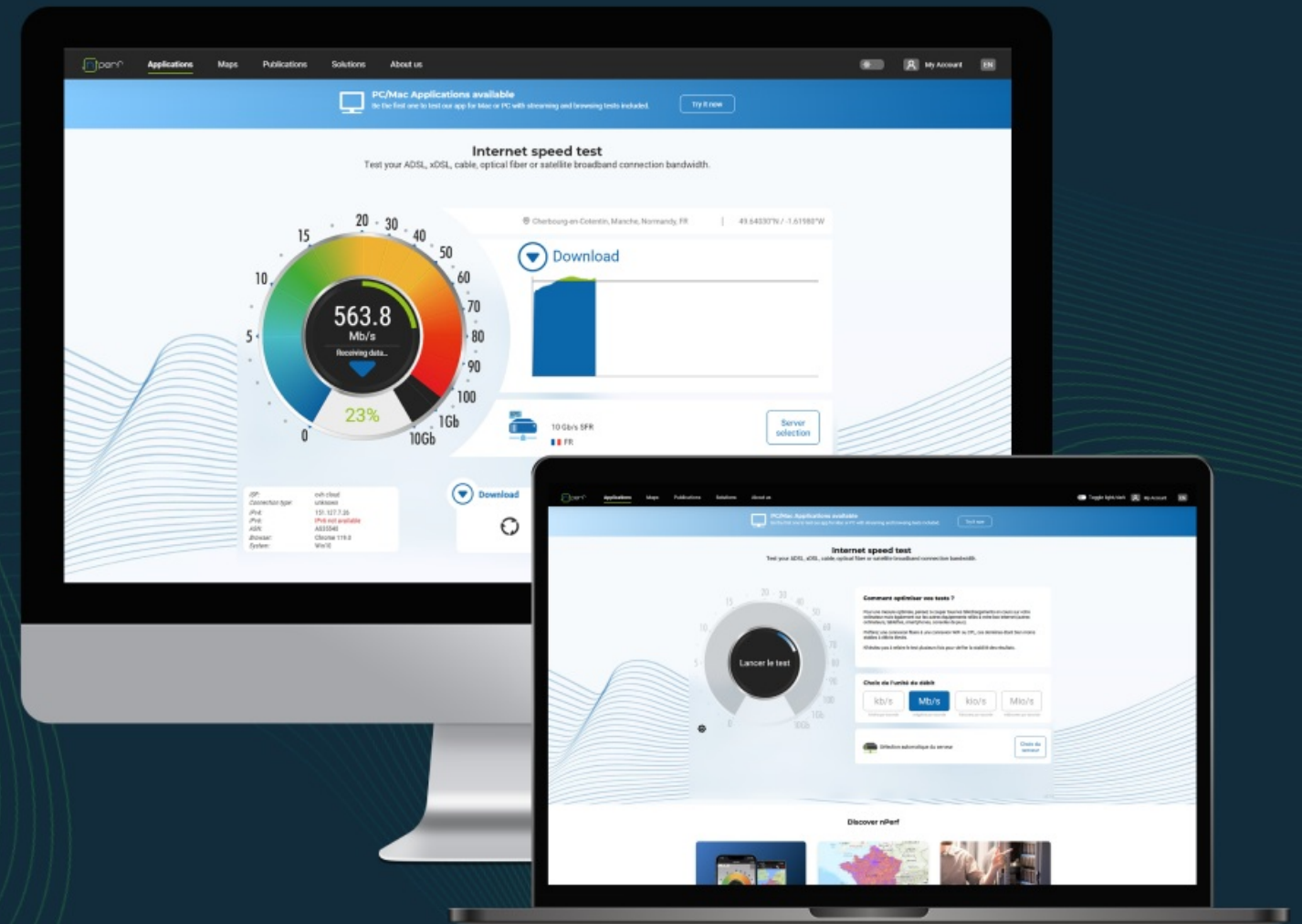




Barometer of fixed Internet Connections in Austria.

01/01/2023 - 31/12/2023



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**nPerf Network
assessment**

Expert in the telecom network optimization

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 **300k+** tests daily worldwide.

 **26Md+** coverage scans in total.

 **3k+** servers all around the world.

Test your Internet connection with nPerf!

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2. Executive Summary



The subscribers of Magenta and A1 enjoyed the best fixed Internet performances in Austria during 2023.

Fixed Internet connections in Austria

	A1	Drei	Magenta
▼ Download bitrates (Mb/s)	87.14	91.65	128.73
▲ Upload bitrates (Mb/s)	24.58	28.34	27.39
◀▶ Latency (ms)	23.93	34.40	31.01
nPerf Score (nPoints)	126 132	121 063	128 117

Source : nperf.com

T Magenta



Best fixed Internet performance in 2023



Source : nperf.com



T Magenta



Source : nperf.com

In the competitive landscape of Internet Service Providers in Austria, understanding key performance indicators (KPIs) and nPerf scores is crucial for evaluating the quality of service. This analysis delves into the performance of notable ISPs, A1 and Magenta, which interestingly are in a tie, alongside a look into Drei's standing in the market.

A1 and Magenta: neck and neck

A1 and Magenta share the spotlight for the top position. Magenta takes a slight edge in download bitrates with an impressive 128.73 Mb/s compared to A1's respectable 87.14 Mb/s. However, A1 counters with a slightly lower latency of 23.93 ms, showcasing its efficiency in data transmission against Magenta's 31.01 ms.

Both ISPs demonstrate robust upload speeds, with Magenta at 27.39 Mb/s and A1 closely behind at 24.58 Mb/s. When it comes to the nPerf scores, which are a comprehensive reflection of an ISP's overall performance, Magenta slightly leads with 128,117 nPoints, while A1 follows with a competitive 126,132 nPoints.

Drei: a formidable contender

Drei, although not leading, presents formidable competition with a download bitrate of 91.65 Mb/s, outpacing A1. Its upload speed is also impressive at 28.34 Mb/s, the highest among the three, indicating robust performance in both download and upload capacities.

However, Drei's latency at 34.4 ms is the highest, which might impact user experience negatively, especially in real-time applications. The nPerf score for Drei stands at 121,063 nPoints, reflecting a strong but slightly lagging performance compared to its competitors.

Conclusion: a competitive trio

The Austrian ISP market showcases a tight race with Magenta and A1 leading in a tie, closely followed by Drei. Magenta excels in download speeds and overall nPerf score. A1, with its lower latency, caters well to users requiring swift response times for browsing and gaming.

4. Methodology



nPerf provides a **free tool to assess Internet connection quality** via its website and mobile apps (Android, iOS). Daily, thousands of people rely on nPerf for speed tests in their country, contributing to a comprehensive crowdsourced database covering all operators.

The study employs a strong filtering method to reflect real customer experiences on a specific network (mobile or fixed line). Measures are taken to prevent probes and measurement robots from affecting the results.

For fixed connections, we assess:

▼ Download bitrate :

Indicates the amount of data your connection can receive in one second from the nPerf server. The highest the measured value, the best is the bitrate of your connection.

▲ Upload bitrate :

Indicates the amount of data your connection can send in one second from the nPerf server. The highest the measured value, the best is the bitrate of your connection.

◀▶ Latency (ping) :

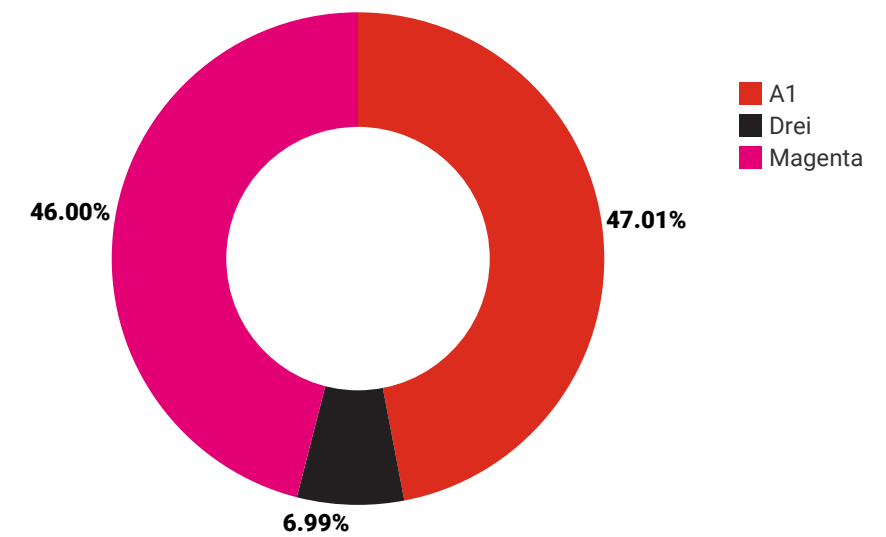
It indicated the delay a small packet of data requires to make a round-trip from your computer to the nPerf server. The shorter the delay, the most reactive your connection is. The main is the minimum value.

Statistical precision is crucial in accurately determining winners. At nPerf, we prioritize test quality, precise reporting, and transparency. Analyzing a large volume of tests in this study, we've achieved 3 % precision for absolute values and 1 point for percentage-based results, highlighting the reliability and accuracy of our data.

For a more comprehensive understanding of the user experience, our report features test results during both Busy hours (6 PM to 11 PM) and Idle hours (the rest of the day). Busy hours, marked by network strain, can impact user experience through congestion. This approach helps in understanding how network performance fluctuates throughout the day.

We only include national Internet service providers with test share above 5% share. The chart below shows the overall test distribution for each service provider.

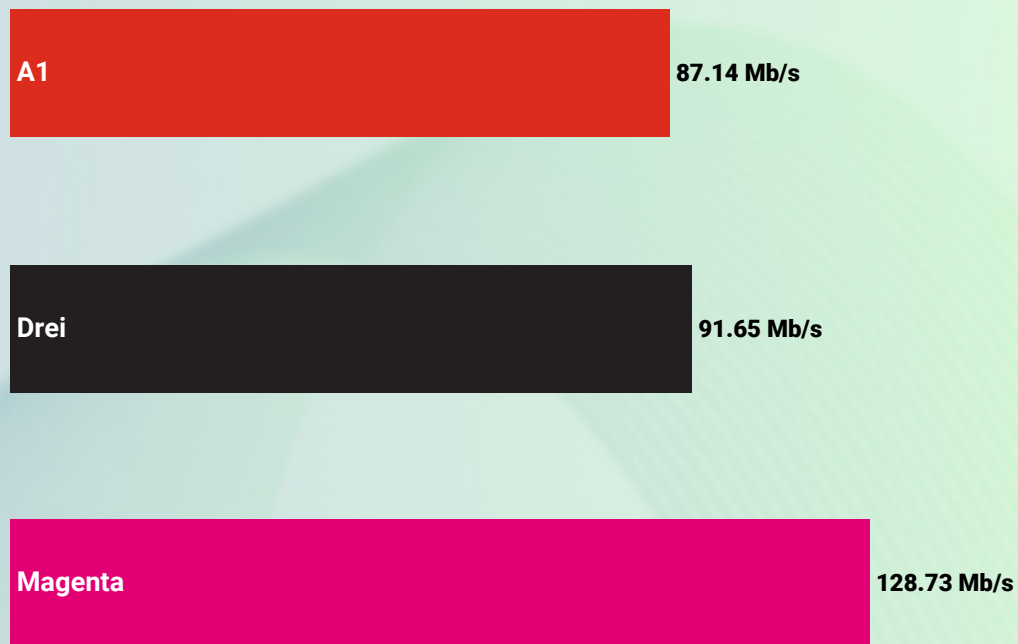
Overall distribution of the tests per provider (ISPs Share)



Source : nperf.com



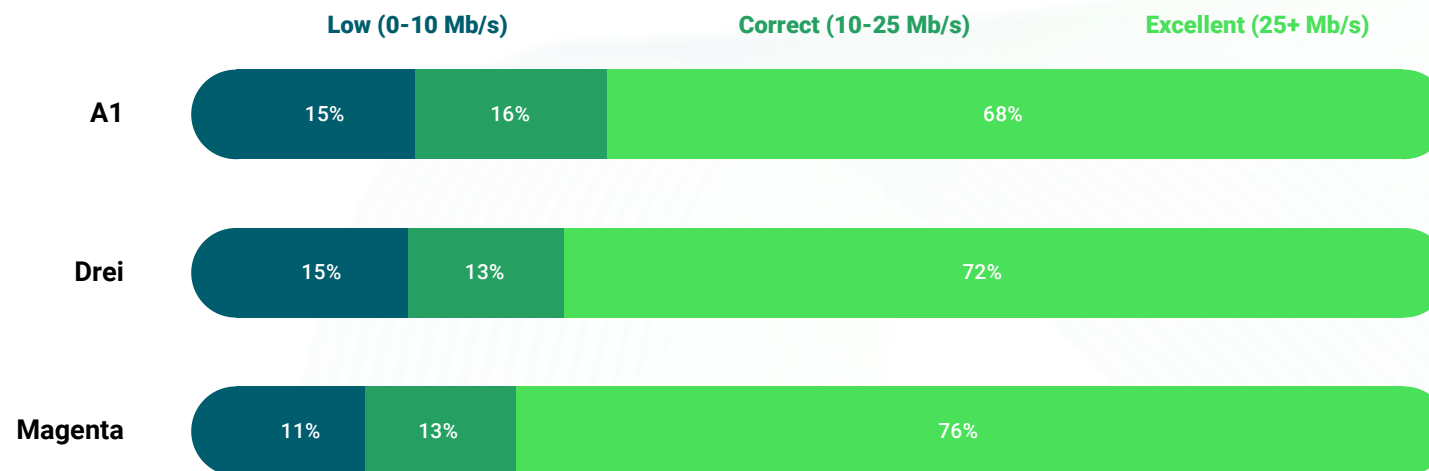
Download Speed (average)



Source : nperf.com

The subscribers of Magenta enjoyed the best average broadband download speed in 2023.

Download Speed results ventilation (average)



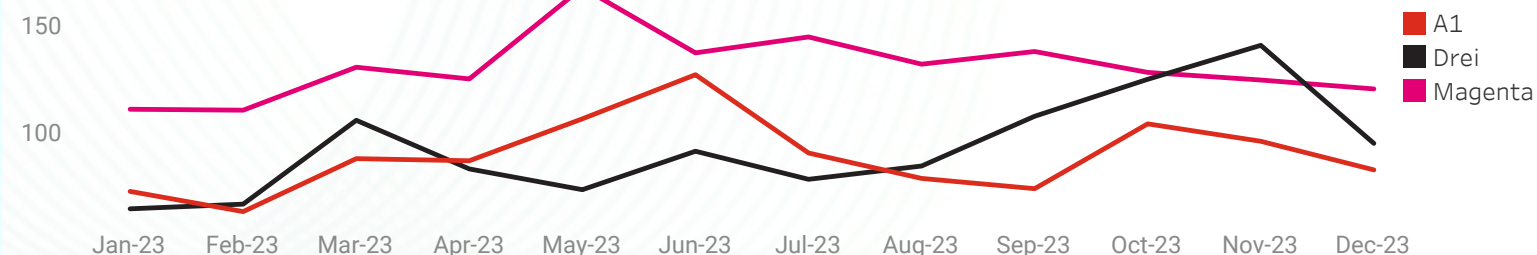
Source : nperf.com

Download Speed (average)



Source : nperf.com

Download Speed evolution over the year (average)



Source : nperf.com



Upload Speed (average)



Source : nperf.com

The subscribers of Drei enjoyed the best average broadband upload speed in 2023.

Upload Speed results ventilation (average)



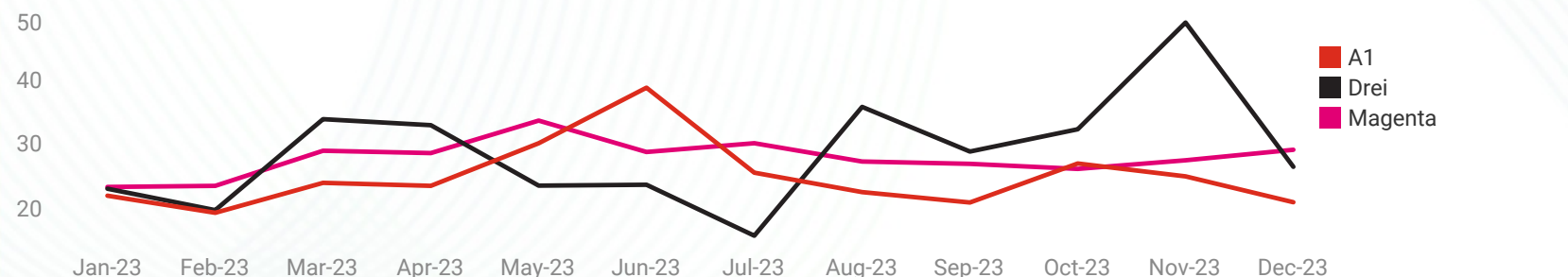
Source : nperf.com

Upload Speed (average)



Source : nperf.com

Upload Speed evolution over the year (average)



Source : nperf.com



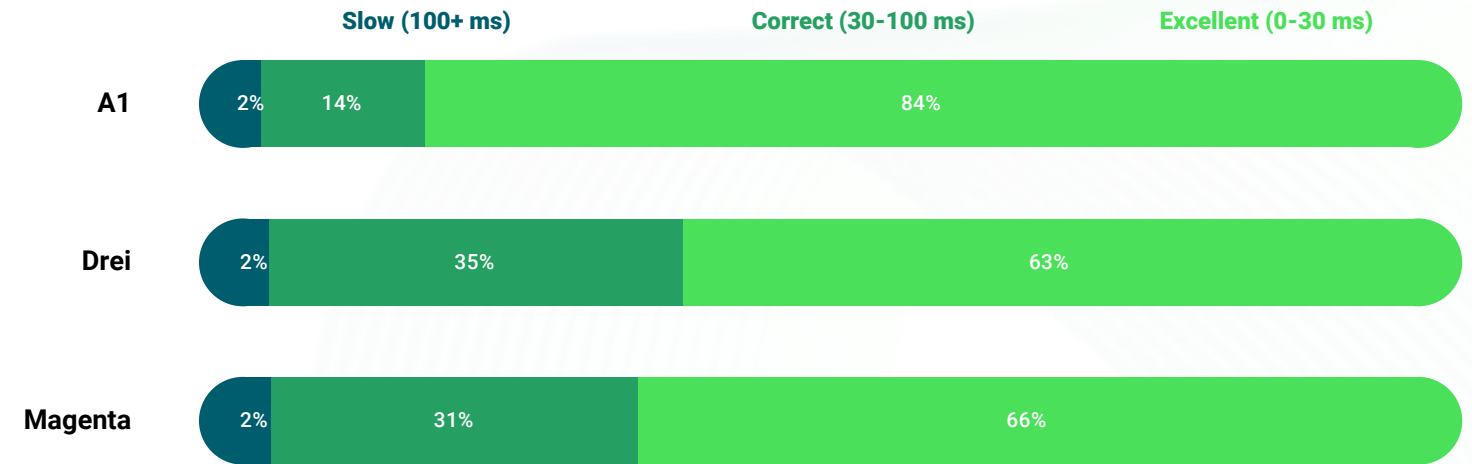
Latency Speed (average)



Source : nperf.com

The subscribers of A1 enjoyed the best average broadband latency in 2023.

Latency Speed results ventilation (average)



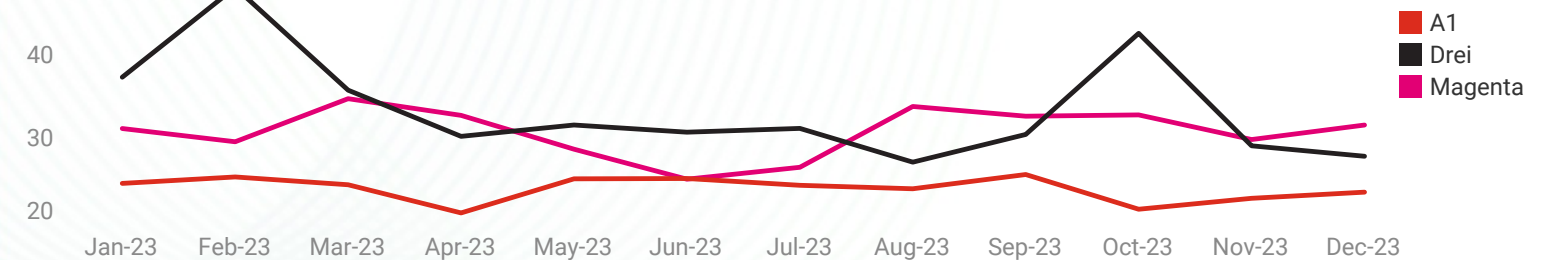
Source : nperf.com

Latency Speed (average)



Source : nperf.com

Average latency Speed evolution over the year



Source : nperf.com

nPerf Score (nPoints)



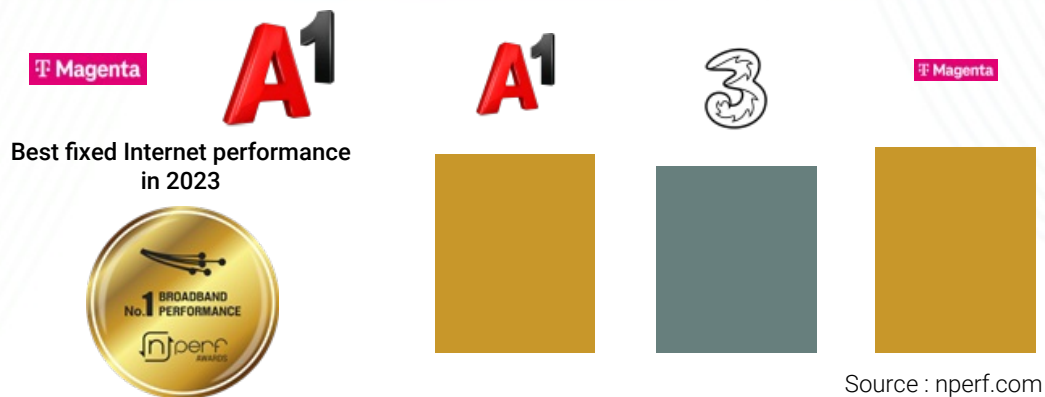
Source : nperf.com

The subscribers of Magenta and A1 enjoyed the best fixed Internet performances in Austria during 2023.

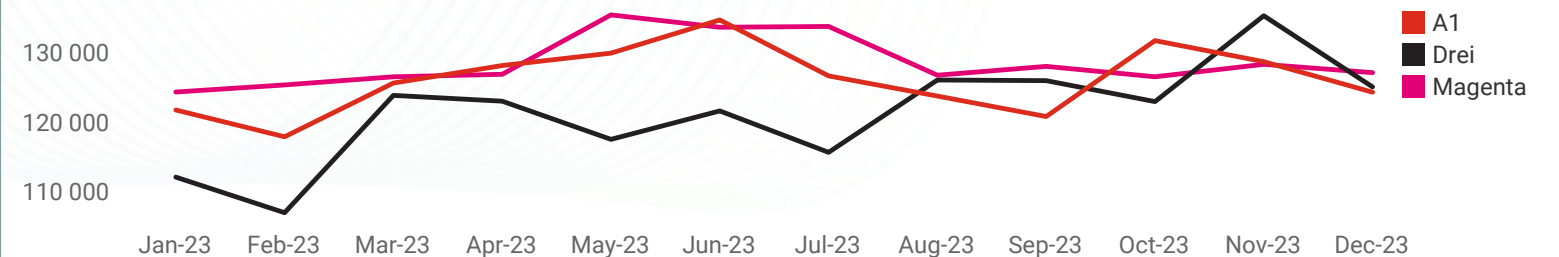
The nperf score takes into account the measured bitrates and the latency. The value of the points for the rates and the latency is calculated on a logarithmic scale, to better represent the perception of the user.

Thus, this score reflects the overall quality of the connection experienced by the user.

Source : nperf.com



nPerf score evolution over the year (average)



Source : nperf.com



We qualify your connection