



Orange is Romania's Speedtest Awards™ Winner for fixed network speed during Q1—Q2 2022

Speed Score™



Test Counts



204.07

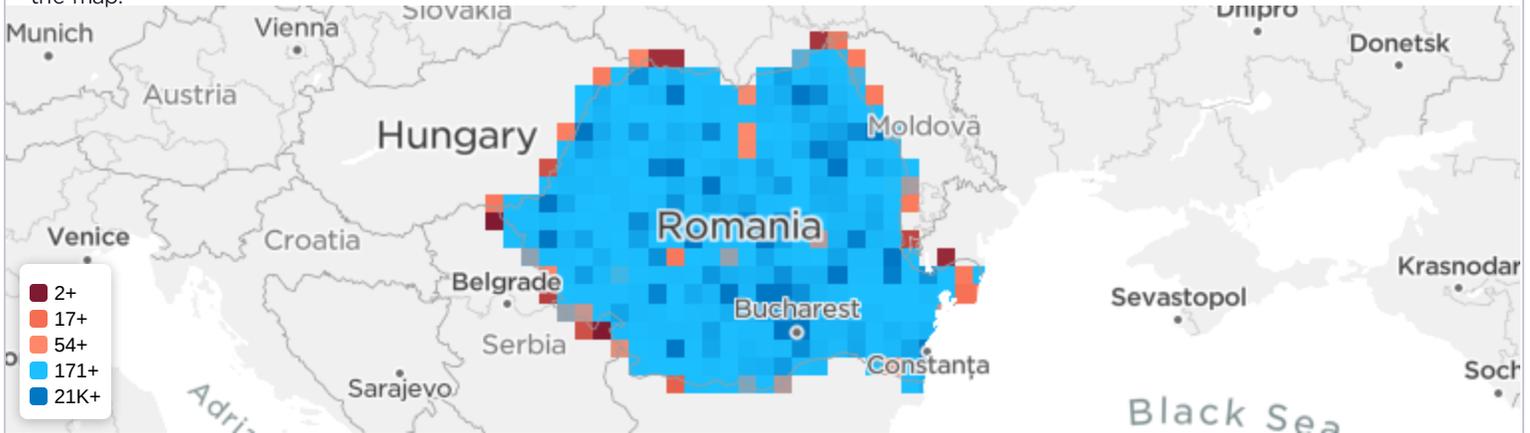
Speed Score™

650.47  
Top Speed Mbps

451.09  
Top Speed Mbps

Tests Taken

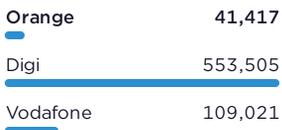
Ookla® compared 2,771,808 user-initiated tests that are taken on various Speedtest applications connected to a fixed network, including tests taken on mobile phones over a Wi-Fi connection. All major provider results from the award period in Romania are represented in the map.



Market Statistics

User Count

787,060



Top Download Speed

618.42 Mbps



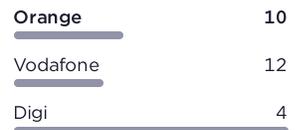
Top Upload Speed

564.30 Mbps



Median Latency

6ms



## How Speed Score™ Works

When analyzing fastest operators, Ookla solely considers top carriers (all carriers with 3% or more of total test samples in the entire market with results for the full award period). We then determine the fastest carrier using Speed Score for results which incorporates a measure of each provider's download and upload speed to rank network speed performance (80% of the final Speed Score is attributed to download speed and the remaining 20% to upload speed). The Speed Score uses a modified trimean to demonstrate the download and upload speeds that are available across a provider's network. We take speeds from the 10th percentile, 50th percentile (also known as the median), and 90th percentile, and combine them in a weighted average using a 1:8:1 ratio, respectively. We place the most emphasis on the download speeds and median speeds as those represent what most network providers' customers will experience on a day-to-day basis.

	Download Trimean	90th Percentile	50th Percentile	10th Percentile	Upload Trimean	90th Percentile	50th Percentile	10th Percentile
Orange	<b>212.69</b>	650.47	181.87	21.47	<b>169.61</b>	451.09	153.22	19.29
Digi	188.92	693.82	145.89	28.20	171.66	671.05	127.18	28.14
Vodafone	167.17	464.04	148.32	21.10	26.62	64.45	24.22	8.07

## City Network Speeds

### Cluj-Napoca

Provider	Download Mbps	Upload Mbps
<b>Orange</b>	<b>228.80</b>	<b>179.82</b>
Vodafone	178.32	24.14
Digi	161.55	147.74

