



Orange is Romania's Speedtest Awards™ Winner for fixed network speed during Q1—Q2 2023

260.96

Speed Score™

782.21
Top Speed Mbps

468.18
Top Speed Mbps

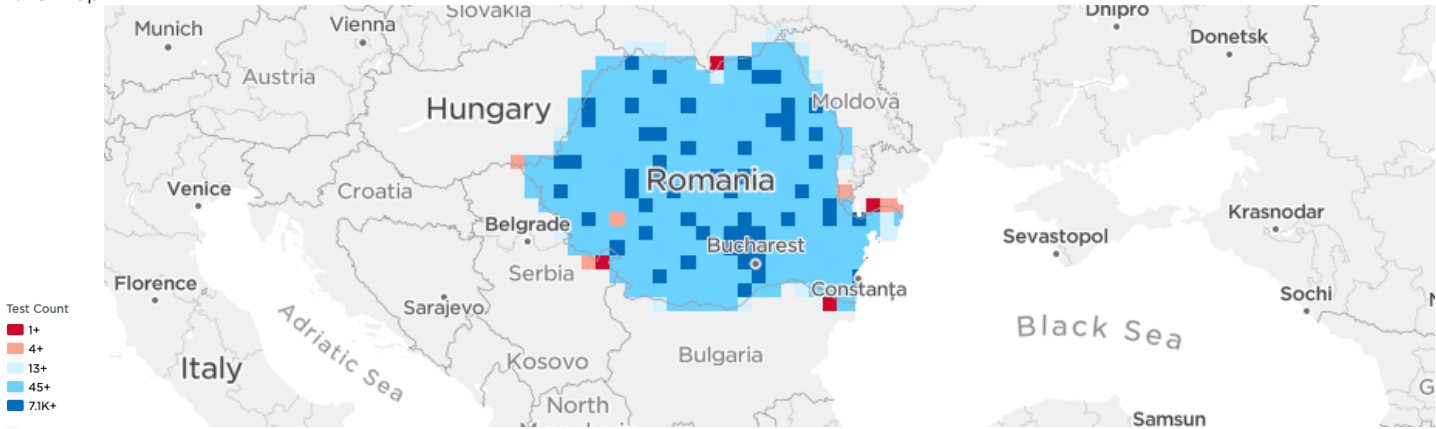
Speed Score™	
Orange	260.96
Digi	222.46
Vodafone	157.74

Test Counts	
Orange	136,731
Digi	1,837,213
Vodafone	249,272



Tests Taken

Ookla® compared 2,547,230 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

745,734

Orange	43,434
Digi	548,111
Vodafone	89,329

Top Download Speed

706.85Mbps

Orange	782.21
Digi	764.89
Vodafone	485.19

Top Upload Speed

654.29Mbps

Orange	468.18
Digi	731.04
Vodafone	84.54

Median Latency

5ms

Orange	9
Digi	4
Vodafone	11

How Speed Score™ Works

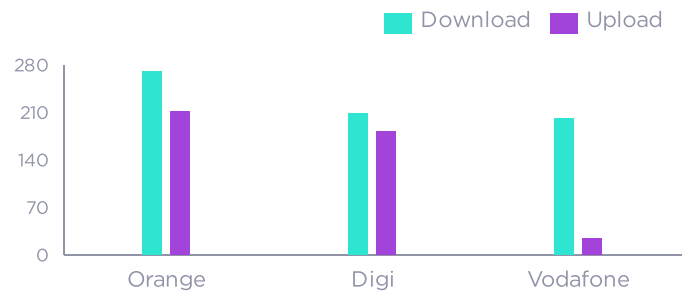
When analyzing fastest operators, Ookla solely considers top carriers (all carriers with 3% or more of total test samples in the entire market with results for the full award period). We then determine the fastest carrier using Speed Score for results which incorporates a measure of each provider's download 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	273.68	782.21	240.73	28.81	210.06	468.18	200.53	28.18
Digi	228.42	764.89	186.19	29.82	198.60	731.04	153.05	30.56
Vodafone	189.93	485.19	173.84	23.38	28.97	84.54	24.31	10.63

City Network Speeds

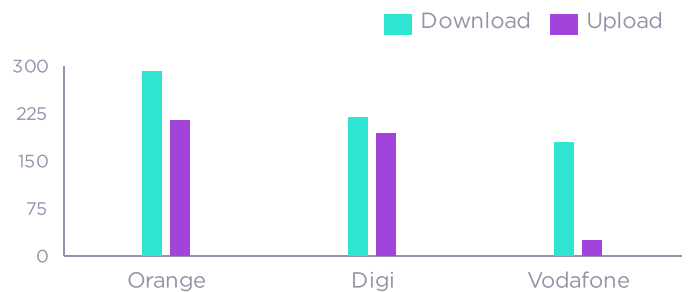
Cluj-Napoca

Provider	Download Mbps	Upload Mbps
Orange	269.88	210.94
Digi	208.80	181.76
Vodafone	201.13	24.29



Timișoara

Provider	Download Mbps	Upload Mbps
Orange	291.15	214.20
Digi	219.30	194.05
Vodafone	178.60	24.54



Iași

Provider	Download Mbps	Upload Mbps
Orange	263.13	207.75
Digi	217.21	201.48
Vodafone	196.74	24.19

