



Orange is Romania's Speedtest Awards™ Winner for fixed network speed during Q1—Q2 2021

203.04

Speed Score™

655.93
Top Speed Mbps

401.19
Top Speed Mbps

Speed Score™

Orange	203.04
Digi	138.97
UPC	137.26
Vodafone	124.10
Telekom Romania	87.37

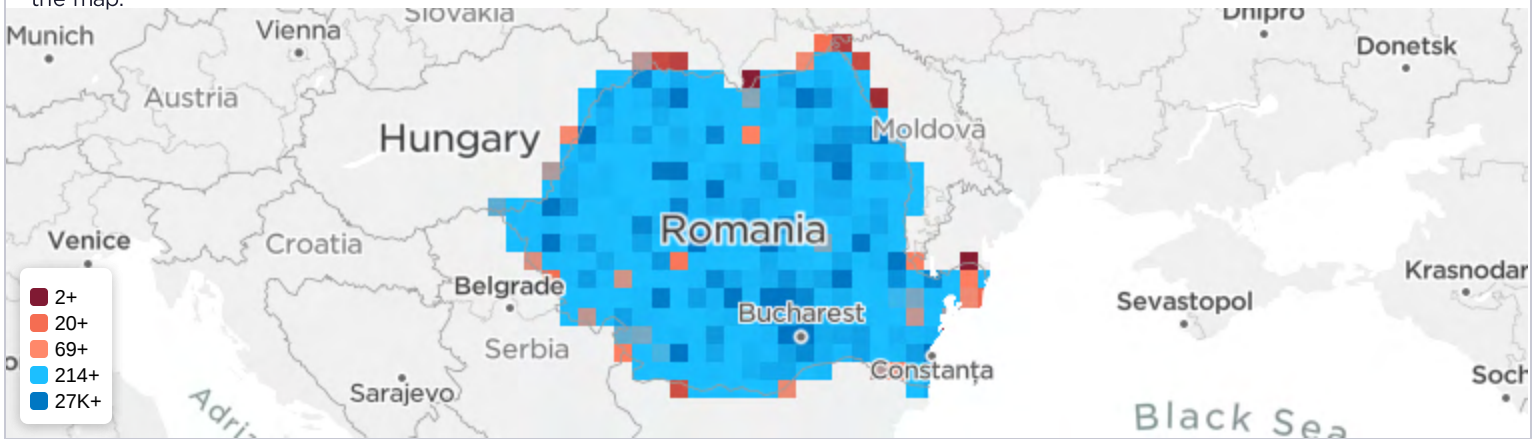
Test Counts

Orange	108,531
Digi	2,481,772
UPC	165,771
Vodafone	208,972
Telekom Romania	330,027



Tests Taken

Ookla® compared 3,556,328 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

937,059

Orange	32,917
Digi	654,939
Telekom Romania	112,361
Vodafone	71,003
UPC	57,857

Top Download Speed

540.26 Mbps

Orange	655.93
Digi	614.86
Telekom Romania	486.58
Vodafone	417.54
UPC	417.21

Top Upload Speed

464.22 Mbps

Orange	401.19
Digi	538.08
Telekom Romania	358.59
Vodafone	48.92
UPC	25.11

Median Latency

6ms

Orange	10
UPC	13
Vodafone	12
Digi	4
Telekom Romania	16

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 (90% of the final Speed Score is attributed to download speed and the remaining 10% 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	208.77	655.93	175.48	27.95	151.42	401.19	136.05	24.64
Digi	139.76	614.86	94.71	25.10	131.82	538.08	94.36	25.24
UPC	150.14	417.21	132.93	20.76	21.31	25.11	22.78	5.75
Vodafone	135.23	417.54	114.39	19.63	23.95	48.92	23.11	5.71
Telekom Romania	88.93	486.58	49.65	5.51	73.27	358.59	46.68	0.71

City Network Speeds

Cluj-Napoca

Provider	Download Mbps	Upload Mbps
Orange	195.21	135.80
UPC	161.90	23.82
Vodafone	138.62	23.47
Digi	106.48	95.07
Telekom Romania	30.95	26.28

