



Orange is Romania's Speedtest Awards™ Winner for fixed network speed during Q3–Q4 2021

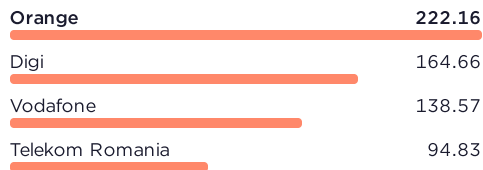
222.16

Speed Score™

693.26
Top Speed Mbps

424.06
Top Speed Mbps

Speed Score™

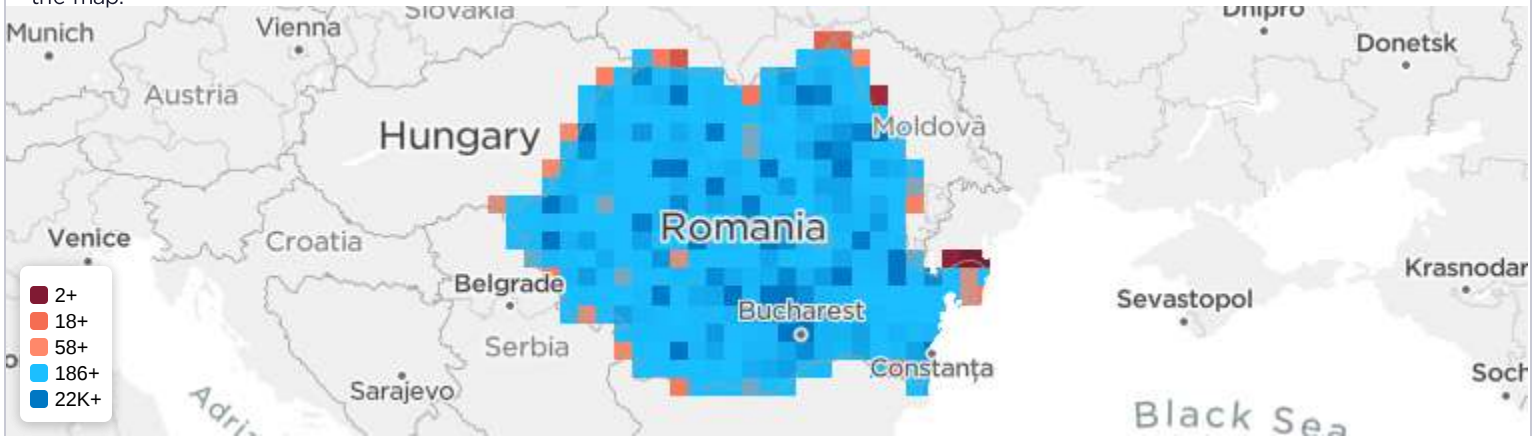


Test Counts



Tests Taken

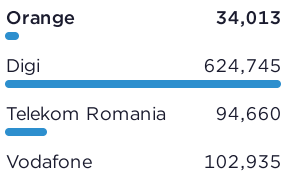
Ookla® compared 3,114,985 user-initiated tests that are taken on various Speedtest applications connected to a fixed network, including tests taken on mobile phones over a Wi-Fi connection. All major provider results from the award period in Romania are represented in the map.



Market Statistics

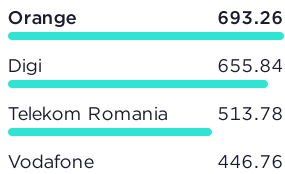
User Count

865,193



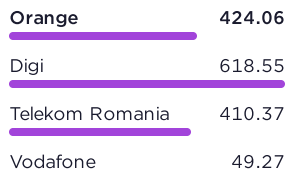
Top Download Speed

591.37 Mbps



Top Upload Speed

518.13 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 (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	228.19	693.26	194.96	28.97	167.87	424.06	153.72	24.95
Digi	166.24	655.84	122.43	27.21	150.37	618.55	107.14	27.98
Vodafone	151.23	446.76	130.68	20.10	24.67	49.27	23.95	5.84
Telekom Romania	96.15	513.78	55.21	6.07	82.90	410.37	52.25	0.72

City Network Speeds

Cluj-Napoca

Provider	Download Mbps	Upload Mbps
Orange	234.13	167.88
Vodafone	160.27	24.03
Digi	152.96	134.14
Telekom Romania	38.43	30.13

