


# SPEEDTEST® Fastest Mobile Award



**Speed Score**

## 48.74

## Romania Q1-Q2 2020

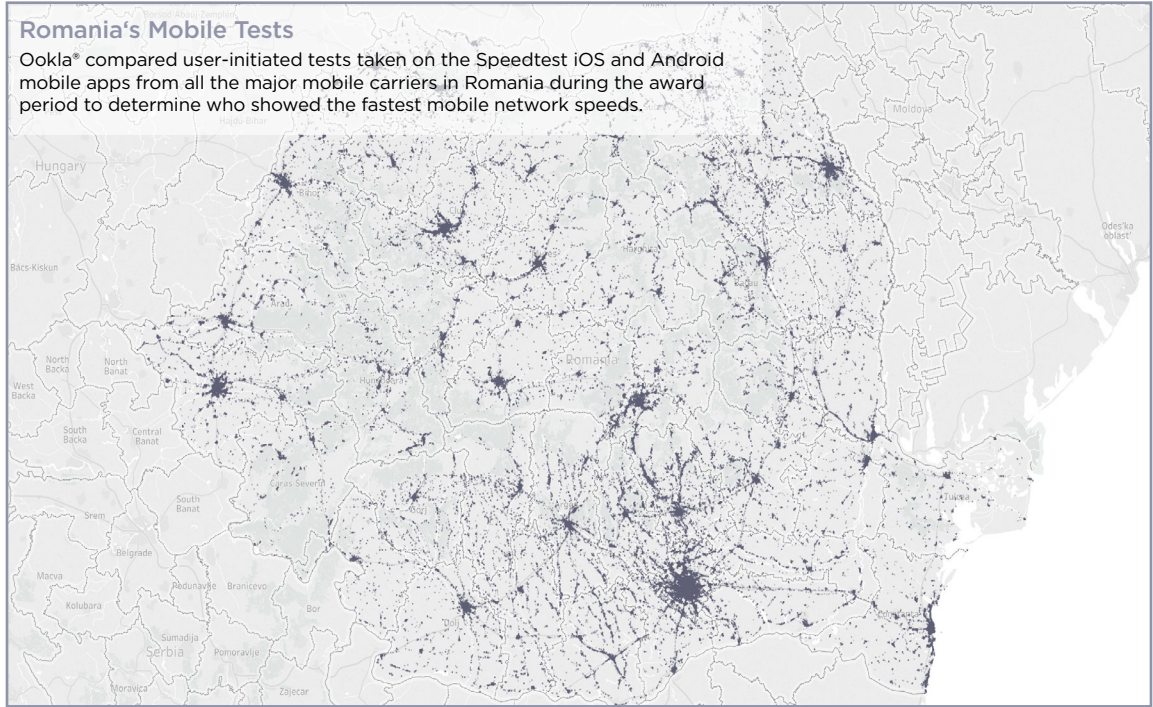
**Orange** is Romania's Speedtest Awards™ Winner for mobile network speed. To win this award, Orange achieved a Speed Score™ of 48.74, with average speeds of 62.78 Mbps for download and 17.88 Mbps for upload.



**ROMANIA'S FASTEST MOBILE NETWORK**

Carrier	Test Count	Speed Score
<b>Orange</b>	85,474	48.74
Vodafone	96,164	33.00
Telekom Romania	27,943	25.53
DIGI	36,359	18.59

Speed Score incorporates a measure of each provider's download and upload speed to rank network speed performance. See next page for more detail.



### Market Statistics

Test Count

# 245,940

Average Download Speed:

# 46.00 Mbps

Average Upload Speed:

# 14.66 Mbps

Average Latency:

# 34 ms

Unique Devices  
64,879



Mbps



Mbps



ms

**Galaxy S10+** 3,824

**Orange** 62.78

**Orange** 17.88

**Orange** 26

P30 pro 2,790

Vodafone 42.06

Vodafone 15.30

Vodafone 38

iPhone X 4,024

Telekom Romania 31.09

Telekom Romania 14.99

Telekom Romania 32

Galaxy S8 3,307

DIGI 22.83

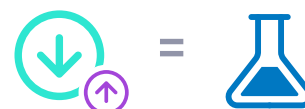
DIGI 4.58

DIGI 44

Galaxy S9+ 2,847

### 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 market for the period). We then determine the fastest carrier using Speed Score 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.



Carrier Name	Download Trimean	90 <sup>th</sup> Percentile	50 <sup>th</sup> Percentile	10 <sup>th</sup> Percentile	Upload Trimean	90 <sup>th</sup> Percentile	50 <sup>th</sup> Percentile	10 <sup>th</sup> Percentile
<b>Orange</b>	<b>52.46</b>	131.52	48.09	8.38	<b>15.22</b>	39.47	13.80	2.33
Vodafone	35.25	92.16	31.82	5.73	12.79	33.42	11.51	2.44
Telekom Romania	26.96	66.63	24.86	4.16	12.61	34.18	11.27	1.72
DIGI	20.25	45.70	19.20	3.17	3.66	9.98	3.26	0.53

### City Network Speeds

City	Carrier	Speed Score	Download Mbps	Upload Mbps
Bucharest	<b>Orange</b>	65.32	83.16	22.65
	Vodafone	39.11	49.32	17.51
	Telekom Romania	26.93	32.66	17.04
	DIGI	20.52	25.27	4.97
Cluj-Napoca	<b>Orange</b>	46.20	59.80	17.36
	Vodafone	36.39	45.39	15.66
	DIGI	20.85	27.13	4.98
Timisoara	<b>Orange</b>	42.58	57.37	17.48
	Vodafone	37.60	46.59	15.60
	Telekom Romania	33.18	36.87	18.02
	DIGI	19.10	24.45	3.83