

# How to check Internet speed with cmd command

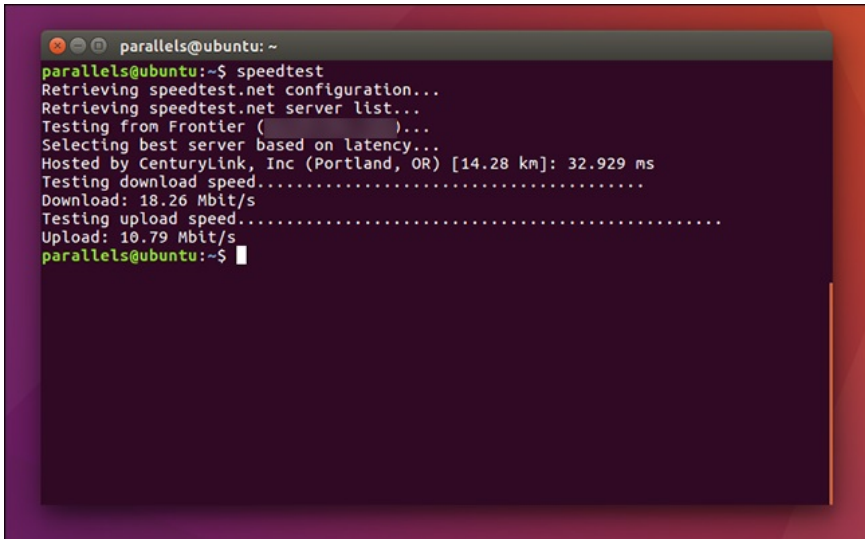
Checking the Internet speed will help you know the download speed and upload of the network you are using is exactly what the network provider tells you. Using this cmd command will help you measure network speed without using software.

For some reason, you do not want to **check the Internet speed** with the browser [Check Internet Speed ?? without Software], then use the cmd command, only with this simple command you can check Check your network speed on all operating systems. The power command is: *speedtest\_cli*. Here I will guide you how to run this **network speed** command on both Windows, Linux and macOS.

## Check network speed on Linux:

Installing speedtest-cli on Ubuntu (and other Debian-based distros) cannot be easier. Just run a command:

```
sudo apt install speedtest-cli
```

A terminal window titled 'parallels@ubuntu: ~' showing the execution of the 'speedtest' command. The output displays the process of retrieving configuration and server lists, selecting a server from CenturyLink, Inc (Portland, OR) with a latency of 32.929 ms, and reporting a download speed of 18.26 Mbit/s and an upload speed of 10.79 Mbit/s.

```
parallels@ubuntu:~$ speedtest
Retrieving speedtest.net configuration...
Retrieving speedtest.net server list...
Testing from Frontier ( )...
Selecting best server based on latency...
Hosted by CenturyLink, Inc (Portland, OR) [14.28 km]: 32.929 ms
Testing download speed.....
Download: 18.26 Mbit/s
Testing upload speed.....
Upload: 10.79 Mbit/s
parallels@ubuntu:~$
```

This command may differ slightly on different Linux distros, so check out the distro's Package Manager and find the package called speedtest-cli.

## Check network speed on macOS:

The easiest way to install speedtest-cli on a Mac is to use Homebrew, the open source package manager for Mac.

When Homebrew is set up, you can install speedtest-cli with a simple command:

*brew install speedtest\_cli*

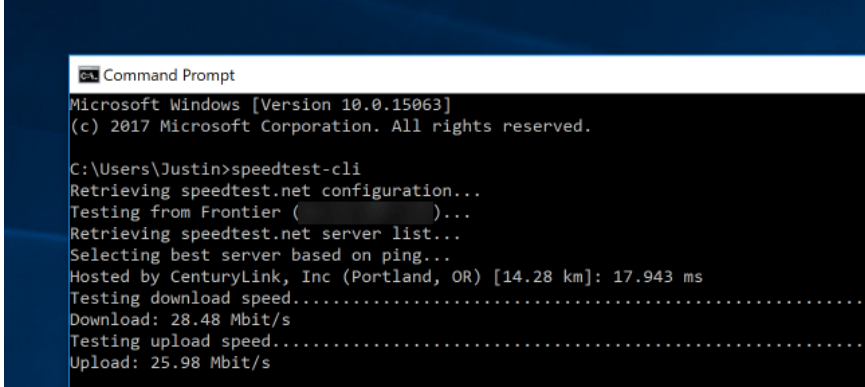
Note, for some reason the name of the package may differ between macOS versions, just like on Linux.

### **Check network connection speed on Windows:**

This is a bit more complicated, but it's feasible. First you will have to install Python on Windows, which basically means downloading the installer correctly and making sure that python and pip are added to the System PATH.

Once you've done that, installing a fake fake speedtest-cli is just a command:

*speedtest-cli installation pip*



```
Command Prompt
Microsoft Windows [Version 10.0.15063]
(c) 2017 Microsoft Corporation. All rights reserved.

C:\Users\Justin>speedtest-cli
Retrieving speedtest.net configuration...
Testing from Frontier ( )...
Retrieving speedtest.net server list...
Selecting best server based on ping...
Hosted by CenturyLink, Inc (Portland, OR) [14.28 km]: 17.943 ms
Testing download speed.....
Download: 28.48 Mbit/s
Testing upload speed.....
Upload: 25.98 Mbit/s
```

You can now use speedtest-cli on Windows. Note that pips can be used to install speedtest-cli on Linux and macOS systems, but using the system-wide package manager will be more consistent.

If you want to check the network speed on your phone, please read the article: Internet speed test applications for smartphones

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