1. Connection type

The speed of your Internet depends mostly on the connection type you are. There are more than six types of connections available globally, including satellite, fixed wireless, cable fibre, DSL, and many more. In those all the connectivity types, there are many different technologies used, which means various speeds.

2. Hardware

The internet connection speed depends mainly on all the network equipment you are using; such as cable or router. For instance, an Ethernet internet connection is considered quicker than a Wi-Fi connection. Suppose you are using a Wi-Fi internet connection; your internet connection speed can decrease as more and more devices are connected to the same network. Besides, the internet connectivity may be slowed down by the hardware of a computer; for example, suppose you have a weak processor.

3. Virus and malware

When your PC is infected with malware, the malware might be running in the background and connecting the Internet without your permission and draining the laptop's resources. Take caution by installing a reliable antivirus program and only get extensions from trusted sources.

4. The number of users

Internet connectivity speed tends to slow down when the number of people trying to connect to the Internet increases simultaneously. This happens during peak activity hours, such as during the night when everyone is home and tries to browse using Wi-Fi. This also applies to the situations where you connect Wi-Fi in crowded public areas where numerous people are using my network.

5. The software you are running.

If you are running various apps that require you to connect to the Internet simultaneously, the speed will naturally go slow. Some apps might run in the background without notice. Ensure that you check for auto-sync, auto-update or any backup settings such as file sharing apps that you use.

You need to ensure that you keep only the essential add-ons and the toolbar in your web browser, which can take up a share of the bandwidth you're using.

6. Using wireless

Wireless connections can often result in slow internet connection speeds. Physical distractions like metal roofs and the concrete walls can slow down the wireless network speed as you increase the distance between you and the router; the further you go away, the weaker the signal. You can also find that another person is hitching a ride on your network ends, making it slow. To avoid this, ensure that you update your password to protect your Wi-Fi network.

Depending on the speed you're getting from the wireless internet connection, it might be worth connecting to your router through a wired connection instead. This will increase the internet connection speed by cutting down the signal interference. You may also need to upgrade your wireless equipment or change the router channel.

7. Your plan

Your plan speed you select from Internet Service Provider is one of the significant factors that affect the overall internet speed. Note that when choosing an internet plan, ensure that you select a plan capable of reaching your desired speed.

8. Router location

One of the crucial choices that can make a difference is the router location. Ensure that you consider the geographical distance between the gadget and the rooter, its height from the ground, and its proximity to dense materials such as metal and concrete walls that can block signals. For you to get better results, it is recommended that you put your router in a place where the Internet is used frequently, above the ground level and away from obstructions such as concrete walls, blocks and roofs.

9. Broadband connection

The connection provided by your internet service provider is one of the significant factors that can negatively impact your internet speed. This all comes down to the type of broadband connection available for you. Interestingly, your broadband speed will depend mainly on what the connection cable is made of.

10. Host server

When you browse the Internet for different sites, what you are doing is logging into a host server where that site is found. If the host server is underpowered, it is going to be slower than it should be. This slow internet speed is not an issue at your end but from the website you're visiting.