

6-8 minutes

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Microsoft Flight Simulator Support Team Updated :  
January 04, 2022 18:21 August 07, 2020 17:01

There are many reasons your download speed might appear slow. The troubleshooting steps below will help you improve your download speed. **NOTE:** If the download does not progress, see [Packages installation & decompressing issues - Basic troubleshooting](#) instead.

### WIFI

Switch to an LTE or wired connection and try again. We do not recommend using wifi to play Microsoft Flight Simulator, even if your wifi is stable for everyday usage. A wired connection greatly reduces the risk of packet loss.

### RESTART THE DOWNLOAD

If the download slowed down, close the app to restart the download—the download will resume from where it left off.

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### SET THE DATA BANDWIDTH USAGE LIMIT TO UNLIMITED

Have you set up a Data bandwidth usage limit in-game prior to the update? If so, your download speed will be limited to the value you select selected (i.e. 5Mbps, 20Mbps, or 40Mbps).

Microsoft Store, Xbox & Retail disc version

To change your Data Bandwidth Usage Limit back to **Unlimited**, you will need to wait for the new update to install.

Once the update is installed, please do the following:

1. Launch **Microsoft Flight Simulator**

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1. Launch **Microsoft Flight Simulator**
2. Go to **Options > General > Data**
3. Move the cursor to **Unlimited**
4. Click on **Apply and Save**

Steam version

To bypass the Data Bandwidth Usage Limit, delete the Steam Cloud save.

WARNING: Doing so will delete your logbook. Do not delete the Steam Cloud Save if you did not set up a Data Bandwidth Limit.

1. Close Microsoft Flight Simulator
2. In Steam, right-click on the **Microsoft Flight Simulator** icon
3. Go to **Properties**
4. Uncheck the "**Keep Game saves in the cloud for Microsoft Flight Simulator**" box
5. Go C:\Program Files (x86)\Steam\userdata
6. Find the folder corresponding to your profile and delete the folder (Steam\userdata\usernumber)\**1250410**"
7. Restart Microsoft Flight Simulator

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#### **REBOOT YOUR ROUTER OR MODEM**

Power Cycle your router/modem to empty the DNS cache, reset tasks that may have stalled and re-select the least crowded channel for each frequency.

- Unplug your router or modem from its power outlet.
- Wait for 60 to 120 seconds.
- Plug your router or modem into the power outlet.
- Your router or modem will take a few minutes to reinitialize

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### DISABLE AUTOTUNING LEVEL

When the Receive Window Auto-Tuning feature is enabled for HTTP traffic, older routers, older firewalls, and older operating systems that are incompatible with the Receive Window Auto-Tuning feature may sometimes cause slow data transfer or a loss of connectivity. When this occurs, users may experience slow performance. Or, the applications may crash.

- In the "type here to search" bar, next to the Windows Start menu icon, type **Command** and look for **Command Prompt**
- In the menu select "**Run as administrator**"
- Enter: **netsh int tcp set global autotuninglevel=disable**
- Press **enter**
- **Reboot** your computer

### DELIVERY OPTIMIZATION

If you have limited connectivity or other network constraints, you can limit how much bandwidth Delivery Optimization uses for background downloads. Lower values use less bandwidth but cause updates to be delivered more slowly.

- In the "type here to search" bar, next to the Windows Start menu icon, type **Delivery optimization**
- Select **Open**
- Click on **Advanced Options**
- Check the box "**Limit how much bandwidth is used for downloading updates in the background**" and move the slider to **100%**.

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### DISABLE IPV6

Some users reported that disabling IPv6 improved their network speed.



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1. Right-click on the **"Network / Wi-Fi"** icon on the bottom right corner of your screen to open up the menu shown below.
2. Click on **Open Network and Sharing Center**.
3. In the **Network and Sharing Center** window, click on **Change adapter options**.
4. You will then see a list of network adapters available on your computer.
5. Right-click on your active network adapter (**Ethernet** or **Wi-Fi**) and select **Properties**.
6. In the **Properties** window, scroll down until you see **Internet Protocol Version 6 (TCP/IPv6)**.  
**Note:** If you're connected to the internet wirelessly, the corresponding adapter should be **"Wi-Fi"**. However, if you're connected to the internet via a LAN cable instead, the corresponding adapter should be **"Ethernet"**.
7. Uncheck the **Internet Protocol Version 6 (TCP/IPv6)** checkbox and click on **OK** to save the changes.



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Now that IPv6 has been disabled on your computer, reboot your computer for the setting to take effect.

Note: If you do not see a significant improvement, we recommend enabling IPv6.

### **THROTTLING**

Internet throttling is when your Internet Service Provider (ISP) limits your internet bandwidth or speed. Reasons why your ISP might throttle your internet speed:

Network congestion.

An ISP can reduce the internet speed of everyone located in a specific area during times of heavy internet use. If your download speed is fine from 10 a.m. to 6 p.m. but sluggish between 6 p.m.

and 11 p.m. your ISP likely throttles your internet speed during peak hours.

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#### Data caps.

Some ISPs will limit how much high-speed data you can use in a billing cycle. Going over that cap will result in some bandwidth throttling. Double-check your contract or contact your ISP support line to know what your data cap is.

#### Paid prioritization.

This is when your ISP throttles certain types of data because it takes up a lot of bandwidth.

Typically, if your internet speed is fast when downloading a small amount of data but becomes very slow when downloading a large amount of data, your ISP is likely penalizing you for using up a lot of bandwidth.

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#### HOW TO TEST IF YOUR INTERNET IS BEING THROTTLED

To test if your internet is being throttled you can try using a VPN to prevent your ISP from seeing what kind of traffic is coming and going on your line.

**Run a speed test without VPN then run the speed test again using a VPN.**

If your connection is significantly faster with the VPN, your ISP is likely throttling your service. If that's the case, contact your ISP to discuss the issue.