

Instructions for installing mobile networks on Windows 10

Some Windows 10 computers have a SIM card which allows you to connect to a mobile data network, so you can go online with mobile signals. The following article will guide some basic settings for mobile networks on Windows 10.

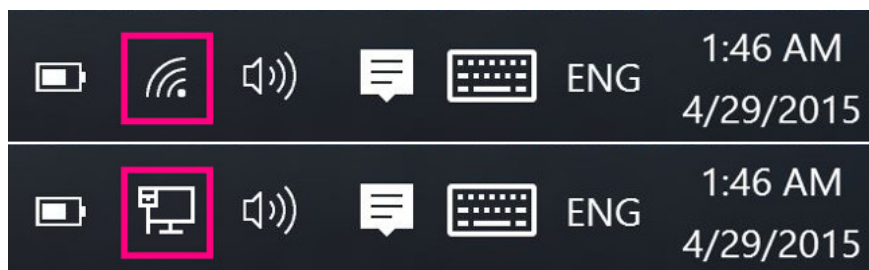
Some Windows 10 computers have a SIM card which allows you to connect to a mobile data network, so you can go online with mobile signals. If your PC does not have a SIM card, you can still connect to the mobile network by plugging in an external mobile device (also known as a mobile modem or mobile broadband device). Either way, you must have a data plan from a mobile network provider to connect.

1. Tips for fixing network glitches on your computer

Connect to mobile data network for the first time

1. Select the **Network** icon (wifi icon or Ethernet icon or mobile network icon) on the lower right of the taskbar, then select the mobile network in the list.

1. How to fix error code 31 on Ethernet network



2. Do one of the following steps if the **Let Windows manage this connection box**:

1. Selected, you will automatically connect to mobile data when you are not connected to another network type, such as Wi-Fi or Ethernet.
2. If not selected, select **Connect** .

Usually, you will see the name of the mobile service provider next to the mobile network icon.

3. If required, enter the username, password and access point name (APN).

If necessary, check your PC, SIM card, or mobile device information for more information on usage settings.

Note:

1. If the status content under the mobile network name indicates that the mobile service provider is locked, insert a SIM card from your mobile service provider to connect.
2. If you select the **Network** icon (Wi-Fi icon or Ethernet icon) in the taskbar and quick action the mobile network is turned off, select to enable this feature. When it is off, the mobile radio is turned off and you cannot connect to a mobile network.

If your mobile data connection is working properly, you do not need to change your mobile settings. However, if you have problems with mobile connectivity, change one or more of the following useful settings. Settings vary according to the computer model and mobile service provider.

Allow Windows to manage this connection

Determine if your computer is automatically connected to the mobile data network when available. Uncheck the box if you want to connect yourself when you want to use mobile data. Select it if you want Windows to manage the connection for you.

When selected, you will automatically connect to mobile data when not connected to another network type. To find this setting, select the **Start** button, then select **Settings > Network & Internet > Cellular > Let Windows manage this connection** . This setting is available when you are disconnected from the mobile data network and it connects when **Connect** is selected.

Data roaming options

Determine whether your mobile data connection still works when the computer is outside the mobile service provider's network. Choosing **Don't roam** can help prevent data roaming charges.

If you enable roaming, you can use mobile data when your computer is in the transfer zone. Depending on your data plan, you may pay more for the data you use when roaming.

To find this setting, select the Start button, then select Settings > **Settings > Network & Internet > Cellular > Data roaming options** .

Network selection

Appears when roaming and determines which mobile network connection is used. The default setting is automatic.

If you connect to the mobile network and see the message that the selected network is not available, you can select **Search for networks** and then select another mobile network.

To find this setting, select the **Start** button, then select **Settings > Network & Internet > Cellular > Advanced options** .

Active network Displays the name of the mobile network you are using.

To find this setting, select the **Start** button, then select **Settings > Network & Internet > Cellular > Advanced options** .

Add APN

Internet access point name (APN) is the address your computer uses to connect to the Internet when using a mobile data connection. Usually, Internet APN is set automatically.

If your mobile data connection is not active and you cannot connect to the Internet, type the new APN Internet based on your location and mobile network. If you can connect to a Wifi network on your computer or phone, try searching online to find APN Internet settings for your mobile network.

1. What is APN and how to change the APN

1. To add an APN, select the **Start** button, then select **Settings > Network & Internet > Cellular > Advanced options > Add an APN** .

2. Next, perform one or more of the following options:

1. In the configuration name box, enter a name for the APN configuration.
2. In the APN box, type the address for the APN to use.
3. In the username box, enter the username for your mobile account.
4. In the Passport box, enter the password for your mobile account.
5. Select **Type of sign-in info** and then select the authentication method used.
6. Select **IP type** and then select the type of IP address to use.
7. Select **APN type** , then select Internet.

3. Check the **Apply this profile** box if you want to use the APN immediately after saving it.

4. Select **Save > OK**.

5. To go back and view the list of APN configurations, select **Back** and look in the Internet APN.

Properties

Properties show information about SIM and your mobile data connection. Select **Copy** to copy paste information to email or elsewhere. This can be useful if you are having trouble connecting and need to send information to your mobile carrier or support person.

To find this setting, select the **Start** button, then select **Settings > Network & Internet > Cellular > Advanced options** .

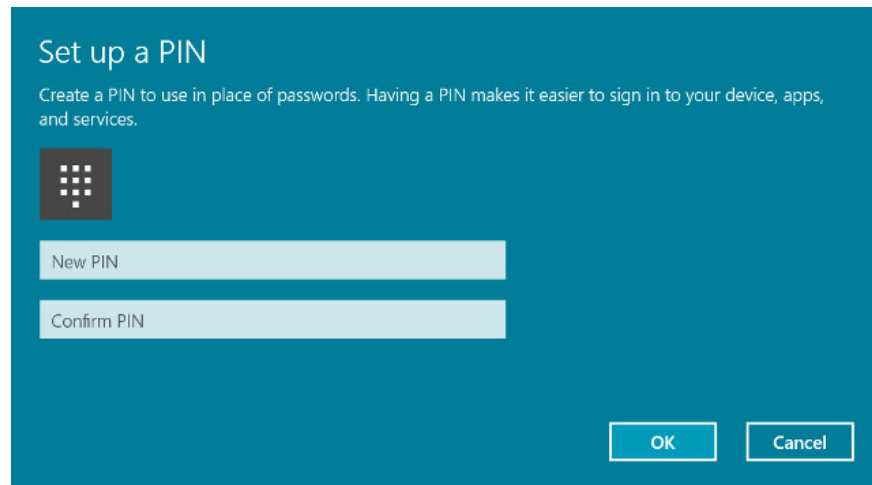
Use SIM PIN code

Determine if you want to use a SIM card for your SIM card in your computer to prevent others from using your mobile data connection without your permission. After you have set up your SIM PIN, you will be prompted to enter your SIM PIN when connecting.

When prompted, enter your SIM PIN. If this is the first time to use it, enter the default PIN. If you don't know the SIM card's default PIN, visit your mobile provider's website to see if they list it there. You must restart your computer to have your mobile data connection locked with your SIM PIN.

If you have set up a PIN for SIM, enter the PIN code and then select **OK** .

To find this PIN setting, select the **Start** button, then select **Settings > Network & Internet > Cellular > Advanced options > Use SIM PIN** in the **Security** section .



Delete SIM PIN

If you are using a SIM PIN and decide not to use this PIN, select **Change SIM PIN** , enter your current PIN into **Current SIM PIN** , enter a new SIM PIN in the **New SIM PIN** box , Enter the same SIM PIN code in the box **Confirm new SIM PIN** , then select **OK** .

To find this setting, select the **Start** button, then select **Settings > Network & Internet > Cellular > Advanced options > Change SIM PIN** in the **Security** section.

Unblock SIM PIN code If you are using the SIM PIN code and enter the PIN code incorrectly three times, the SIM will be locked and cannot be used until you unblock it. To unblock, you need to contact your mobile service provider to know the PIN Unblocking Key PUK (PIN Unblocking Key).

Next, select **Unblock SIM PIN** , then type PUK code. If you enter the wrong PUK code too many times, your SIM card will be permanently locked and you need to buy a new SIM card.

Select the **Start** button, then select **Settings > Network & Internet > Cellular > Advanced options > Unblock SIM PIN** in **Security** section.

Above are the instructions for installing mobile network on Windows 10, hope you see useful articles and share with friends.

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