

Fix Wi-Fi and Bluetooth Lost After Windows Goes to Sleep

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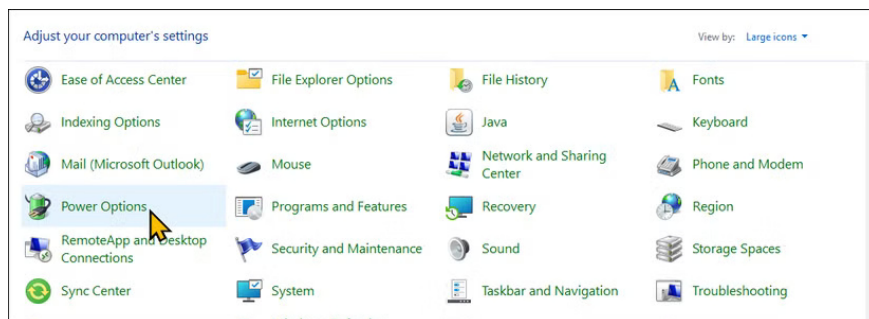
If your Windows laptop's Wi-Fi and Bluetooth disappear after waking up from sleep but work fine after restarting, it could be due to a driver issue or incorrect power management settings. Luckily, there are some easy ways to fix this problem!

1. Turn off Link State Power Management in Settings

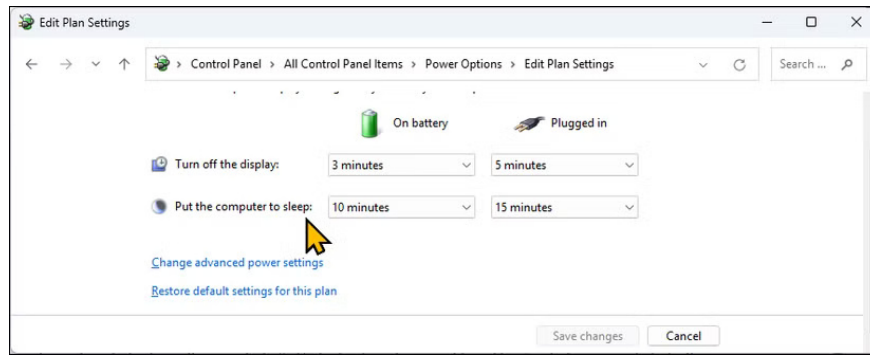
Link State Power Management (LSPM) is a power saving feature that reduces power consumption when PCIe devices, such as network adapters, are not in use. However, this setting can also cause network devices to disappear when resuming from Sleep because Windows may not wake them up properly.

To work around this issue, you can safely disable LSPM in Power Plan Settings with minimal impact on your power consumption. Here's how:

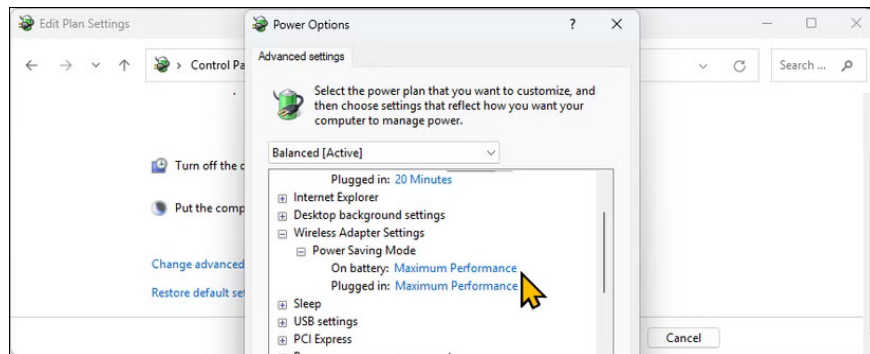
1. Click Start, type **Control Panel** and open it from the search results.
2. In **Control Panel** , go to **Power Options** and click **Change plan settings** for your active plan.



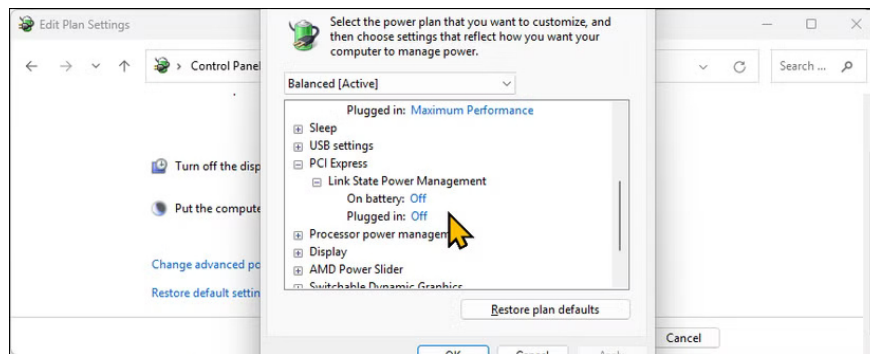
1. Next, click **Change advanced power settings** to open the **Power Options** dialog box .



1. Expand **Wireless Adapter Settings > Power Saving Mode** . Then, set both **On battery** and **Plug in** to **Maximum Performance** .



1. Next, expand **PCI Express > Link State Power Management** and set it to **Off** .



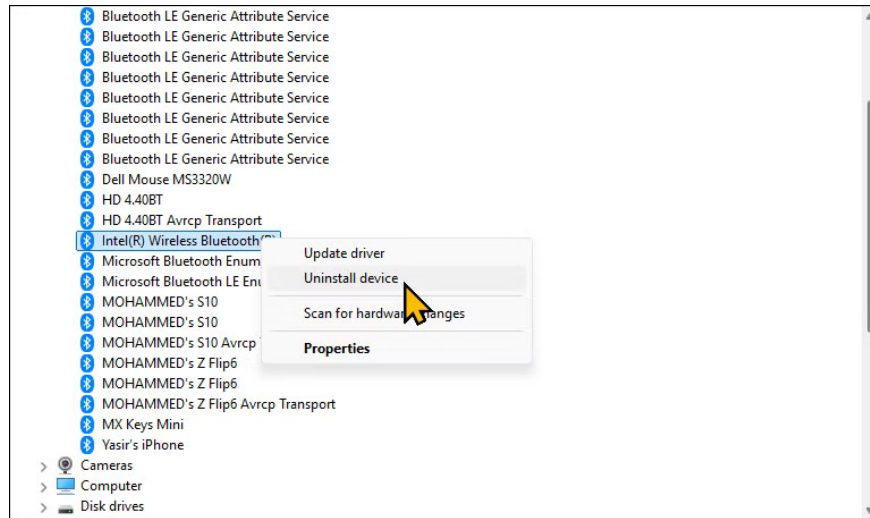
1. Click **Apply > OK** , then restart your computer .

After restarting, the Wi-Fi and Bluetooth adapters will still be available even after your laptop wakes from Sleep. The author has tested and confirmed that this solution works on an HP Pavilion gaming laptop.

2. Uninstall the latest Bluetooth and Wi-Fi drivers

If your Wi-Fi and Bluetooth still disappear after entering Sleep mode, the problem may be caused by a faulty driver update. Rolling back to an older, more stable driver version may help fix the problem. To roll back to the old Bluetooth driver, follow these steps:

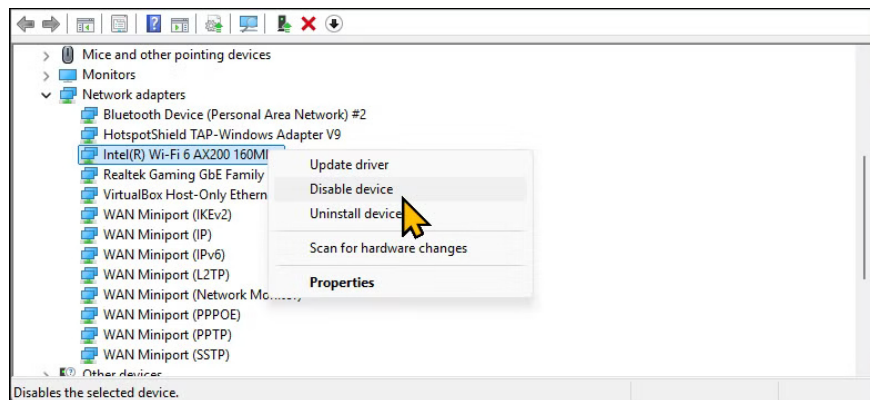
1. Click **Start** , type **Device Manager** and open that driver.
2. Expand the **Bluetooth** section .
3. Right-click on your Bluetooth device (e.g. Intel(R) Wireless Bluetooth(R) or Realtek Bluetooth) and select **Uninstall device** .



1. In the confirmation dialog box, select **Attempt to remove the driver for this device** , and then click **Uninstall** .

To uninstall the Wi-Fi driver, follow these steps:

1. In **Device Manager** , expand the **Network adapters** section .
2. Right-click on your **Wi-Fi adapter** and select **Uninstall device** .



1. Select **Attempt to remove the driver for this device** , then click **Uninstall** . After uninstalling both drivers, you can reinstall the older version of the driver.

Reinstall an older version of the driver

If the latest driver is broken or doesn't work with your network adapter, installing an older version of the driver may help. You can download the previous driver from the manufacturer's website.

For example, if your laptop uses an Intel Bluetooth and Wi-Fi adapter, go to Intel's Download Center , select the Wireless category, and download an older version of the driver. Then, run the MSI installer or setup file and follow the on-screen instructions.

3. Perform a system reset

If the problem is caused by corrupt or missing system files, a factory reset might help. Windows 10 and 11 let you reset your PC without losing any data, but your apps and other settings will be deleted.

Now, before resetting, create a backup of your Windows computer. You can also export the list of installed applications on your computer to a text file using Windows Package Manager. To export the list of installed applications, do the following:

1. Click search, type **cmd** and open Command Prompt .
2. Then type the following command and press **Enter** to save the list to **C:apps.txt: winget list >c:apps.txt**

To reset your PC, follow these respective instructions:

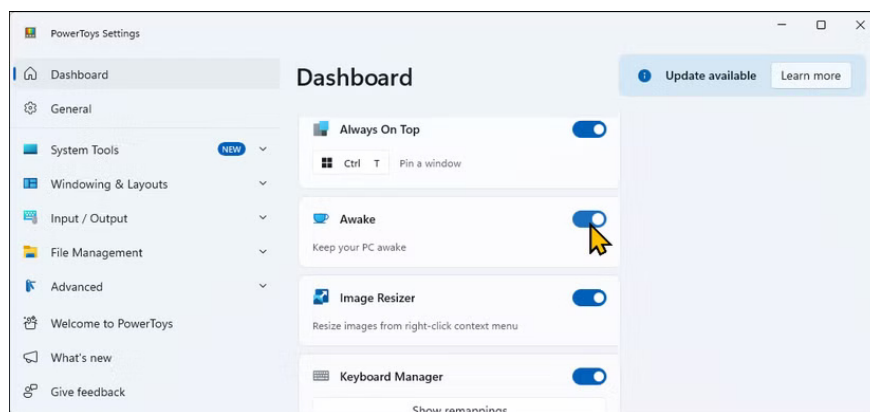
1. Reset Windows 10 to its original state
2. How to reset Win 11, restore Windows 11 factory settings

Windows will download the latest version of the operating system from the cloud (if you use Cloud install) and reset your computer. After the reset, install the latest driver and check if the problem is resolved.

4. Keep your PC running

As a quick fix, you can prevent your PC from going to Sleep to avoid losing Wi-Fi and Bluetooth connections. You can use PowerToy's Awake to keep your PC awake indefinitely while allowing you to automatically go to Sleep when needed.

Start by downloading PowerToys from the Microsoft Store . Launch the app, expand **Advanced Tools > Awake > Enable awake** . Then, under **Behaviour** , set **Mode** to **Keep awake unlimited** .



5. Check for hardware problems

Identifying hardware problems can be difficult, especially if your Wi-Fi and Bluetooth devices work after a reboot. Before taking your laptop to a service center, try the following steps to identify hardware problems.

An easy way to test for hardware related issues is to test your Wi-Fi and Bluetooth on another operating system. This is why it is always a good idea to carry a Linux Live USB around , as you can use the **Try Ubuntu** option to test the operating system without installing it first.

To do this, create a bootable USB with the Ubuntu Linux distribution, boot into Ubuntu Live, then use the **Try Ubuntu** option . Check if Wi-Fi and Bluetooth work in live mode. If they do, then it is not the hardware but the software that is causing the problem.

Perform vibration test

The shake test helps determine if a hardware problem is caused by a loose connection. To do this, put your laptop into sleep mode, then gently press around the bottom case, especially near the Wi-Fi adapter. Finally, wake up your laptop and check to see if the Wi-Fi connects. If it does, it may be due to a loose internal connection, and it's an easy fix if you're comfortable opening your laptop.

If the problem persists despite these fixes, contact your computer manufacturer for support. If your device is still under warranty, you may be eligible for a repair or replacement.

Good luck!

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2. What is Wifi? How does Wifi work?
3. How to view saved Wifi passwords on Windows 7/8/10

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