

9 Easy Ways to Fix a Computer That Won't Turn On

To fix a computer that won't turn on, let's first explore the causes of this problem.

If your computer screen won't turn on, it's highly unlikely that a software issue is the cause. Therefore, even if you're using free Windows troubleshooting software, you might still encounter this problem. See the article below for solutions.



How to fix a computer or laptop that won't turn on the desktop screen or remains completely black.

How to fix a computer that won't turn on.

1. Turn off the computer completely and then restart it.

This error has many causes, and it's partly due to software issues. If Windows wasn't completely shut down, you might find that the screen doesn't turn on when the system restarts. This is quite rare, but not impossible.

To resolve this, users simply need to completely turn off the device by **holding the power button for 5-7 seconds** until the device is completely off and no sounds or lights are on. However, do not turn it back on immediately; wait **30 seconds to 1 minute before trying again**.



2. Adjust the RAM slot.

The RAM slot is the most common cause. This could be due to impacts or prolonged use, causing the computer's RAM to become dirty or loose. In this case, you need to completely turn off the computer > unplug the power cord > remove the side panel of the computer case. Pay attention to the RAM and adjust it to ensure it's securely in place. You can also completely remove and reinstall the RAM, cleaning the dust from the RAM and the RAM slot on the PC.



3. Check the monitor connection cable.

A loose cable is also a common reason why a computer screen won't turn on. Therefore, you should fix this by disconnecting and reconnecting the cable. This trick is easier to do on a PC than on a laptop, as disassembling a laptop can be quite difficult. On a PC, disconnect the cable and reconnect it securely, making sure the screws are tightened firmly.



4. Replace the graphics card.

Graphics cards are very durable devices, so the failure rate is very low. However, if your PC or laptop has been used for many years and frequently every day, it's difficult for hardware components like the graphics card to last. If the problem is due to the graphics card, the only solution is to take it to a computer or laptop repair shop to have it replaced.



5. Press and hold the Power button.

Simply press and hold the Power button for 5 to 10 seconds to completely shut down your computer. Then press the Power button again to turn your computer back on.



6. Check the power supply from the cable.

Check the power supply from the cable to ensure the monitor is receiving power. Do this by checking the indicator light on the front or under the bezel of the monitor (blue, green, or orange).

If you don't see any light on the screen, try checking the power outlet to see if it's faulty. If the power cord is detachable at the back of the monitor, try replacing it with a different power cord. After replacing the power outlet and power cord, if the computer still doesn't turn on, it's likely your monitor is faulty and needs repair.

7. Check the LED status.

If the monitor backlight (usually located in the bottom corner of the monitor bezel) is orange or blinking, press any key repeatedly or move the mouse to turn on the monitor. If it still doesn't work, try reconnecting the cable to the back of the monitor, then restart your computer and check if the monitor turns on.

8. Try a different cable.

If the monitor still has power but the screen doesn't turn on, it's likely the connecting cable is faulty. In this case, try a different cable such as a DVI, HDMI, or DisplayPort cable to plug into your monitor.



9. Hardware issues could be the cause.

If you've tried all the above methods and still see no signal on the screen, there may be a problem with the monitor, graphics card, or motherboard. Here are some solutions to fix it:

Try connecting a different monitor:

Try connecting a different monitor. If the new monitor works properly, the current monitor may be degraded and need replacing instead of being serviced.

Try connecting the monitor to a different device:

If the screen works on another device, the problem might be with the graphics card. You can try removing the card and installing it in another machine to test. If it still doesn't work, the graphics card may be faulty and needs replacing.

Motherboard error:

If the monitor and graphics card work fine on another machine, the problem might be with the motherboard. You can check and troubleshoot the motherboard, or replace it if necessary.

Speaking of shutting down and turning on your computer, we'd also like to introduce you to the shutdown timer command. This trick is suitable for use when you need to leave your computer running for a specific period of time to download, update software, or play games. Quickly see how to **schedule a computer shutdown** here.

Without proper care, many problems can occur, one of the most common being screen flickering on a laptop.

Check out these tips on how to fix screen flickering on your laptop to avoid making things worse.

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