

How to fix WHEA Uncorrectable Error on Windows 10

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Blue screen error or blue screen of death on Windows has been around for a long time. These errors contain important information regarding the sudden crash of the system. Some blue screen errors are harder to resolve than other errors and Uncorrectable Error errors are one of them. Therefore, this article will show you how to fix this error and how to prevent it from happening in the future.

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What is WHEA Uncorrectable error?

WHEA_UNCORRECTABLE_ERROR (Windows stopcode 0x0000124) is a hardware error. There are a number of common causes of the WHEA_UNCORRECTABLE_ERROR error (WUE for short), most of which are directly related to your system hardware:

1. Hardware is broken (hard drive, GPU, CPU, PSU, RAM is broken, etc.)
2. Driver compatibility issue
3. Heat and voltage problems (Overclocking and voltage changes)
4. Windows system file or registry file is corrupted

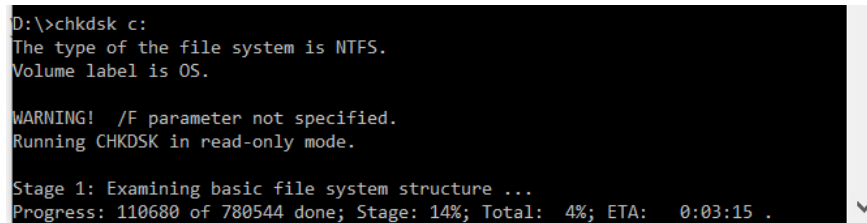
Voltage problems are a common cause of this particular Windows error. The WUE error message and stopcode 0x0000124 tell us the nature of this error but you should see the dump file for more information. You can find the dump file (.DMP) in **C: / Windows / Minidump** and have a timestamp.

How to fix WHEA Uncorrectable Error

Run CHKDSK

Before making any specific hardware changes, try running Windows Check Disk from the Command Prompt. CHKDSK is a Windows system tool that verifies the file system and with certain settings, fixes problems while running.

Type the **command prompt** in the **Start** menu search bar, then right-click on the appropriate result and select **Run as administrator** . Alternatively, you can press, **Windows Key + X** , then select **Command Prompt (Admin)** from the menu. Next, type **chkdsk /r** and press **Enter** . This command will scan your system for errors and fix any problems during execution.



```
D:\>chkdsk c:
The type of the file system is NTFS.
Volume label is OS.

WARNING! /F parameter not specified.
Running CHKDSK in read-only mode.

Stage 1: Examining basic file system structure ...
Progress: 110680 of 780544 done; Stage: 14%; Total: 4%; ETA: 0:03:15 .
```

1. Check and fix hard drive errors with CMD on Windows

Check the system hardware

WHEA_UNCORRECTABLE_ERROR error is closely related to system hardware. Before proceeding to reinstall the system and check the memory, check your system hardware thoroughly. Check if the cooling systems are working, your RAM is safe in its slots, and the CPU is loose, etc.

Reset the system overclock

If you have overclocked the system to speed up, this may be the cause of the WHEA_UNCORRECTABLE_ERROR error. The easiest way to fix this problem is to reset the system BIOS and remove all overclocking effects.

You need to access BIOS or UEFI by turning off the system, then turn on and press BIOS / UEFI menu access key (each computer will have different access keys, but usually F1, F2, F10 keys, DEL and ESC).

Each manufacturer installs different BIOS and UEFI, but the menu title is similar. After accessing the BIOS / UEFI menu, find the Overclocking option. For most devices, you will see this option in the **Advanced** menu , **Performance**, **Frequency** , or **Voltage** .

Find this menu and reset the overclocking option. This reset brings your system to its original state and can fix WHEA_UNCORRECTABLE_ERROR error in this process.

Reset BIOS / UEFI settings

If clearing the BIOS / UEFI overclocking settings, try resetting the entire BIOS. You can find the option to reset all BIOS settings or download the default BIOS settings in the BIOS menu. You can refer to the article 3 simple ways to reset BIOS settings.

Update BIOS / UEFI settings

This process will vary depending on the system's motherboard manufacturer. Some BIOS / UEFI settings can automatically download and update using the desktop utility, but some manufacturers require users to download BIOS updates and flash the firmware themselves.

If you don't know the information on the motherboard on your device, you can download and run CPU-Z. Open the **Mainboard** tab and find the manufacturer and motherboard model. You can see the version and other BIOS information in this tab. After obtaining this information, search the Internet for BIOS update instructions or refer to the BIOS Upgrade Instructions article.

Check the system driver

Sometimes drivers have a bad effect on your system. However, today you are less likely to encounter this problem because Windows 10 handles most of the driver updates. However, that does not mean that it does not cause problems for your system. Fortunately, Windows 10 lists all the driver updates in the Windows Update section, so you can quickly find out the cause of the problem.

Press **Windows + I** key to open **Settings** , then select **Update & Security > View update history** . You can find any driver updates here. Now, type **device manager** in the **Start** menu search bar and select the best match, view the list and check the error icon. If there is no problem, the driver is not the cause of this problem.

You can use the third tool to update all system drivers at the same time. Check out the list of tools for fixing major Windows problems.

Check your RAM with MemTest86

Windows has an integrated memory checker, called Windows Memory Diagnostic. However, it often misses problems, so we can use other tools like MemTest86.

MemTest86 is a free and independent memory testing tool for x86 machines. You start MemTest86 from a USB flash drive (or a bootable drive) and check the system RAM. This test process will take several hours depending on the amount of RAM you install.

For a full MemTest86 experience, you should perform two complete tests, but according to most reports, MemTest86 can find serious RAM problems in a short time.

To create a bootable CD, download the image (ISO format), then write MemTest86 to the USB flash drive using the tool of your choice, then turn off the system. Reboot the system while pressing the button to access the Boot Selection menu (usually F10, F11, DEL or ESC), then select the MemTest86 USB flash drive that can boot, it will automatically check memory. If an error is found, search the Internet for a remedy.

1. 2 ways to check RAM and check RAM errors on the computer with the highest accuracy rate

Reset Windows 10

If none of the above measures work, you can use the Windows 10 Reset function to refresh the system. Windows 10 Reset replaces your system files with completely new files and theoretically removes all problems related to WHEA_UNCORRECTABLE_ERROR errors while keeping most of your important files.

To do so, go to **Settings > Update and Security > Recovery** , then in **Reset this PC** , select **Get started** . After pressing this button, the system will reboot, so make sure to back up any important files before proceeding. After restarting, you can choose **Keep my files** or **Remove everything** .

1. 4 ways to reset the Windows computer to its original state

I wish you all success!

See more:

1. Instructions on how to fix blue screen error, cannot start when installing Microsoft patches
2. How to fix blue screen error "Critical Process Died" in Windows 10
3. Instructions for fixing blue screen error PAGE FAULT IN NONPAGED AREA or STOP 0x00000050

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