

5 steps to fix 'Stop 0x0000007B' error on Windows XP

This article will introduce step by step how to troubleshoot the Stop 0x0000007B error messages in Windows XP. Specifically, describe the problems that can cause this error such as boot sector virus, device driver errors or hardware errors. If you cannot fix the problem after viewing this article, use the usual troubleshooting steps introduced at the bottom of the article ...

This article will introduce step by step how to troubleshoot " **Stop 0x0000007B** " error messages in Windows XP. Specifically, describe the problems that can cause this error such as **boot sector virus** , device driver errors or hardware errors. If you are unable to fix the problem after viewing this article, use the usual troubleshooting steps introduced at the end of the article.

When you start your computer, you may receive one of the following error messages:

1. **STOP: 0x0000007B (parameter1, parameter2, parameter3, parameter4)
INACCESSIBLE_BOOT_DEVICE**

2. **T?p tin ?ã th?c hi?n g?p l?i c?a l?i, b? t?t nó.**

Contact your product support representative for assistance. Nh?ng s? ki?n sau s? ???c h? tr? trong s? xác ??nh các l?i.

(0x4, 0x1, 0, 0)

Setup không th? ti?p t?c. Power down or reboot your computer now.

You may also receive a **Stop 0x0000007B** error message during the Windows XP installation process when the installation program restarts. If you receive this Stop message while the installation program is running, you will receive a second error message. To fix this problem, read the 4 sections below to find out the problem you need to apply. If you are not successful with all four sections, use the general troubleshooting steps introduced at the end of the article.

1. Boot-Sector Virus

You may encounter a **Stop 0x0000007B** error message if the computer is infected with a boot-sector virus. If the problem is intermittent and you can still boot Windows, check the virus in your computer. If you find a virus, remove it from your computer.

Note : You may have to use many antivirus software from many vendors to detect and remove them.

Important note : If your computer is infected with a virus, it may pave the way for other types of attacks. In this case you should rebuild Internet access servers that have been infected with viruses. Internet access servers are servers that function without a firewall or other protection. You can also rebuild any computer that may be at

risk because of their proximity to infected computers before returning them to production.

If a virus has infected your Windows XP computer and a virus detection program cannot remove the virus and repair the system, you must repartition and reformat the hard drive, reinstalling Windows XP.

2. Problems with device drivers:

You may receive a **Stop 0x0000007B** error message in some of the following cases:

1. The device driver has the needs of the boot controller not configured to start during the installation process.
2. The device driver has the needs of the faulty boot controller
3. Information in the Windows XP registry (information related to how the device driver loads during an installation fails).

Windows XP requires a **miniport driver** to communicate with the **hard disk controller** used to boot your computer. If Windows XP does not support device drivers for your controller or if Windows XP is using a faulty or incompatible driver, you must replace the driver with a valid copy compatible with your controller and Windows XP.

During the first phase of the Windows XP installation process, Setup displays the following message at the bottom of the display screen:

1. **Thông báo F6 n?u b?n c?n cài ??t m?t SCSI third-party ho?c driver RAID.**

Meaning: **Press F6 if you have to install a SCSI or a third party RAID driver .**

Press F6 and then follow the instructions to install the mass-storage device driver from the original equipment manufacturer - **Original Equipment Manufacturer (OEM)**.

To find out if your hard disk controller is compatible with Windows XP, you need to get the information about the driver included in the Windows XP CD-ROM or available for download, see the latest hardware compatibility list. of Windows XP - Windows XP Hardware Compatibility List (HCL).

3. Hardware errors:

You may also receive a "Stop 0x0000007B" error message in case there is a resource conflict between the boot controller and other controllers or between SCSI devices. You may also receive this error message if drive translation is not currently performed or if drive translation is changed. To fix this problem:

1. If an IRQ or I / O port address conflict exists between the boot controller and another controller, Windows XP will stop responding (hang up) or display a " **Stop 0x0000007B** " error message. If you recently added a new hardware, remove this new hardware or reconfigure it so that it doesn't conflict with the resources of any installed controllers.
2. If you are using a SCSI hard drive, check the SCSI chain for connections. Remove any unnecessary SCSI devices or ensure that there is only one SCSI ID.

3. Make sure that drive translation is turned on (if it is required) and not be changed. For example, if you recently switched controllers, this problem may appear.

4. Other issues:

Other potential problems that may cause this error message include:

1. The boot partition is corrupted and cannot be initialized by Windows XP. If the file system fails and if Windows XP cannot initialize the boot partition during the installation process, move the driver to another computer running Windows XP and run the **chkdsk** command on that hard drive or try to create a parallel installation of Windows XP on the drive (in another folder). The Windows XP Setup program checks the integrity of the partition before it copies the files and can correct some of the problems in this process.
2. If you install Windows XP on a mirrored boot partition created by Windows NT 4.0. In this case, Windows XP does not support Windows NT 4.0 Ftdisk partition sets. If you are using Microsoft Windows 2000, you can convert all Ftdisk partition settings to dynamic partitions before upgrading to Windows XP. If you are using Windows NT 4.0, stop any mirrors and blame all data on RAID5 or extended partition file before upgrading to Windows XP. Ftdisk files may not be accessible after the upgrade.

5. General remedy:

If you do not fall into the above cases, use the following general troubleshooting steps:

1. If you receive one of these error messages when installing Windows, upgrade your computer BIOS or obtain the Windows XP drivers for your hard disk controller (from the computer factory, system board or hard disk controller).) or perform both. For more information on how to upgrade your computer's BIOS and how to get Windows XP drivers, contact the manufacturer. For more information about driver availability, see the device driver issues section in this article.**Note** : If Windows NT 4.0 or Windows 2000 is preinstalled on a mirror boot partition, then review the other issues section in this article.
2. Use the Last Known Good Configuration feature. This method can solve your problem if you recently installed an incompatible device driver for your boot controller.
3. Use the Repair option in Windows XP Setup.
4. Restore the backup registry.

The above article applies to:

1. Microsoft Windows XP Professional
2. Microsoft Windows XP Home Edition
3. Microsoft Windows XP Professional x64 Edition
4. Microsoft Windows Server 2003, 64-Bit Datacenter Edition
5. Microsoft Windows Server 2003, Enterprise x64 Edition

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