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As the best free drive section software favored by more than tens of millions of users, the MiniTool Section Master Free helps users repartition hard drive, section format, check the file system, align the SSD section, measure SSD performance, convert FAT into NTFS, etc. Eager to become the most powerful free section manager in the long run, it continues to offer all new features such as Disk And Space to bring users a better experience. This post contains 3 parts, including which section should be active, why this section should be active, and how to install the correct active section. Next, let's look at these parts one by one. Which section should be set active before I show you how to install an active section of the system, you need to know something about the system section and the download section, because both of them play a significant role in downloading Windows. Here I'll show you how to distinguish between the system section and the download section. How to distinguish between the system section and the boot System section is the main holding section: the Windows Download Manager (BOOTMGR), which replaces the NTLDR used on earlier Windows, such as Windows XP and Windows Server 2003. Download configuration database (BCD), which replaces the original boot.ini; Windows Recovery Environment. It is marked as both a disk management system and a MiniTool Partition Wizard. The download section is a section save file for the Windows operating system (usually WINNT), and it's labeled Boot. Older versions of Windows have a system section and download section in one section, and it's always Drive C. However, if you have more than one operating system installed, there may be more than 1 section of the system or download section. For example, if we install Windows XP on C and Windows Vista on Drive D, both C and D can be called a download section or a section of the system. But since Windows 7, the system section and download section can be either separate or combined. If we install Windows on a never-used hard drive (disk without a section), these two sections will be split. The section, which is marked as a reserved system (100MB for Windows 7 and 350MB for Windows 8, 500MB for Windows 10) in disk management, is thus a section of the system, while Drive C is now only a download section. Once a reserved section of the system has been created, there can only be one section of the system on this drive, no matter how many operating systems are installed, because the download programs of all Windows installed operating systems will be stored automatically in this section. However, there may be a few load partitions. To sum up, sections that save Windows download programs, such as BOOTMGR and BCD or NTLDR and boot.ini, are called system section, not limited to drive C, and sometimes it's a C. And in general, a section of the system needs to be installed actively to make Windows downloads successful. If one drive has multiple sections of the system, systems means that there are equal Windows operating systems, we need to install the necessary active. Then why should we install a section of the system and not any other section, such as the active download section? Let's look at the specific reasons. Why a section of the system should be set active If the system section is not set active, Windows will be unbootable. Why? To get the answer, let's see how Windows loads on the MBR drive. As soon as we turn on the computer power button, the download process begins. After the Power-On-Self-Test series (known as POST), BIOS will find and transmit master boot record (MBR) download control. MBR then reads the partition master table to find the main section, which is marked as active, and then reads the download entry of the active section to find the Windows Download Manager (BOOTMGR) and then transfers the download control to BOOTMGR. BOOTMGR reads the bootbcd (download configuration database) that contains menu records that are presented by BOOTMGR, and these entries may be: Options for downloading Windows, recalling winload.exe, Options for resuming Windows from hibernation, recalling winresume.exe, etc. Once you've selected Windows, BOOTMGR will call winload.exe to download the corresponding Windows kernel, as well as drivers of the main Windows download devices. From the download process above we only know installing the active section system can MBR visit the very section to find Windows download programs BOOTMGR and Boot Configuration Database. If these download programs cannot be located, Windows cannot be downloaded, and errors such as BOOTMGR missing or NTLDR missing may occur. Therefore, when Drive C is not a section of the system, but we accidentally noted it as active, Windows will therefore be unbootable. In this situation, to install a real active section of the system can fix this problem, but how can we complete this change when Windows refuses to download? Let's see the solutions. If you accidentally tick off the active C drive, you can use the two methods below to fix the problem. Method 1: Mark System Partition Active with MiniTool Partition Wizard MiniTool Partition Wizard can help users complete different types of section operations, such as restoring the MBR, restoring the lost section, installing an active/inactive section, extending the os section, transferring the OS to SSD or HD, and copying the hard drive/section. If Windows can be downloaded, a free edition of Partition Wizard is available. However, if you are unable to start Windows, the Masters section of the Bootable Edition is not required, which is created by the built-in Bootable Media Builder of the Wizard section. Please click the next button and install it on your regular computer. Buy now step 1. Create a USB boot drive with a boot MiniTool Partition Wizard on another computer. Step 2. Press the key to enter the BIOS installation during the download process. Another computer requires another key. Install USB boot as the first download and download option from Step 3. Choose the system section of unbootable Windows and keep it active with Set Active. Step 4. Finally, click Apply to make changes. Once you've set up the correct download order to BIOS, users should be able to download Windows. Method 2. Set off the Correct Active section with Windows Installation Smee First, we need to create a bootable CD, DVD, or USB flash drive. Please see the full guide to Windows 10 Media Creation Tool: How to use to get detailed steps. If you have such a bootable CD/DVD drive or USB drive, just ignore this step. Step 1. Download your computer through available Windows installation tools that can be a CD, DVD, and USB flash drive. You need to press the key to enter the BIOS installation during the download process. Another computer requires another key, but there is always a hint like this: Tip: There are only a few seconds to do this operation. If you missed this chance unfortunately, just restart your computer again. Step 2. Once bioS is successfully entered, you must set a download order, namely install a CD-ROM (boot CD or DVD) or a removable device (a USB flash boot) as the first download device, using keys such as q, q and Enter. Step 3. Once you've set up, save the changes and exit the BIOS customization utility, and then the computer will download from the Windows installation media. Step 4. Then find a computer repair - Troubleshoot - Advanced Options - Command Prompt. Then enter the following commands and hit Enter one by one. List of drives select drive n (n is the number of drive you'll work) section list select section n (n is the number of the correct section of the system) active After performing these operations, you should be able to download Windows if you install the original hard drive as the first download device in BIOS in advance. After a successful repair, please restart your computer to see if you can download Windows as normal. Tip: This feature can only help fix certain download problems, such as system files being lost, so it can't 100% fix the problem. I successfully install an active section system while trying to correct this post. I would like to share this post with more friends who have the issue. Click to tweet Actually, accidentally labeling drive C active is just one of the factors that can make Windows unbootable, and damaging the MBR or loss of the download section and section of the system can also lead to the same error. The section recovery feature and rebuild MBR in the MiniTool Section Master Bootable CD are able to fix these problems. If your Windows also can't load after mistakenly labeling the active section, try one of these solutions in accordance with the actual requirements. If you have a question about whether install the active section of Windows 10/8/7 after you accidentally mark drive C active, you can leave a message in the next comment area and we will respond as soon as possible. If you need help using MiniTool software, you can contact us by email protected. protected. minitool partition wizard bootable cd. minitool partition wizard bootable cd iso. minitool partition wizard bootable cd iso. minitool partition wizard bootable cd 9.1. minitool partition wizard bootable crack. minitool partition wizard bootable cd 8.1.1 iso. minitool partition wizard bootable cd iso free. minitool partition wizard bootable cd 9.1 iso

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