



Event Controller New Operating System Installation and Recovery Guide



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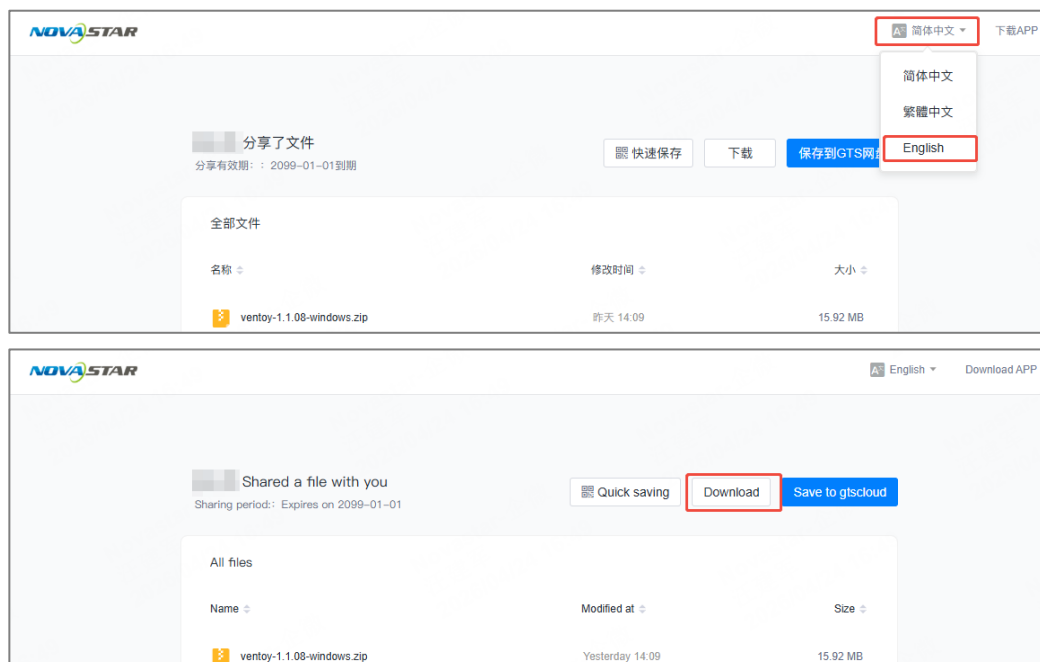
1 Introduction to New System

The new event controller system delivers three key advantages: smoother and more secure operation, along with more efficient and convenient system recovery. Specifically:

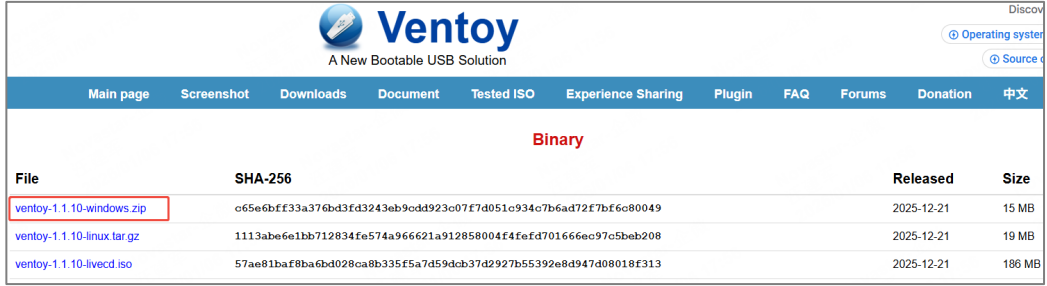
1. A completely new Shell Launcher loading mode, tailored specifically for event controller operations, that takes you directly to the software interface upon booting.
2. In-depth performance optimization based on the original kernel, boosting startup speed by 30%. The event controller software launches instantly with virtually no waiting time.
3. Comprehensive pre-installation of official drivers provides plug-and-play capability, significantly enhancing compatibility and eliminating peripheral-induced blue screens and lags.
4. All Microsoft official patches applied in one go, fully fixing vulnerabilities and providing enhanced system security.
5. Enhanced core services, such as permanent virtual network card IP stability, uninterrupted USB serial port connectivity, and 100% accurate recognition of main touchscreen and smart touchscreen.
6. Dual-layer "Instant Restoration"—system restore points and full disk image recovery—ensures recovery in about 30 seconds after a crash.
7. The outdated and complex Ghost restoration method has been replaced with the upgraded graphical Rescuezilla restoration, enabling complete system recovery in a few simple clicks. Even beginners can easily handle emergency situations in 10 minutes.

2 Preparation

- Prepare a Windows 10/11 computer and a USB drive of at least 64 GB (no format restrictions).
- Download the Ventoy package.
 - Method 1: Visit <https://wpan.novastar.tech/v2/share/000c642dd92d3da5c526b9e1f3>, change the UI language to **English** and click **Download**.



- Method 2: Visit the official Ventoy website (<https://www.ventoy.net/>) to download the latest version of the Ventoy package.



File	SHA-256	Released	Size
ventoy-1.1.10-windows.zip	c65e6bff33a376bd3fd3243eb9cdd923c07f7d051c934c7b6ad72f7bf6c00049	2025-12-21	15 MB
ventoy-1.1.10-linux.tar.gz	1113abe6e1bb712834fe574a966621a912858004f4fe701666ec97c5beb208	2025-12-21	19 MB
ventoy-1.1.10-livecd.iso	57ae81ba8ba6bd028ca8b335f5a7d59dcb37d2927b55392e8d947d08018f313	2025-12-21	186 MB

- Download the rescuezilla-2.6-64bit.oracular.iso image file.

Visit the official Rescuezilla website (<https://rescuezilla.com/download>) to download.



about features screenshots **download** help sponsor

Rescuezilla

The Swiss Army Knife of System Recovery

Like Rescuezilla?

Consider giving the project a like on [AlternativeTo](#) so that more people can discover it! :-)

Get Rescuezilla

Follow the steps below to create a Rescuezilla USB stick that you can boot your computer from.

Getting Started

- Download the latest live image**

Download the latest stable 64-bit version of Rescuezilla: [rescuezilla-2.6.1-64bit.oracular.iso](#) (recommended).

Checkout the Rescuezilla GitHub release page for information about [what's new](#), [backwards compatibility](#), and [any bug advisories](#).
- Write the image to a USB**

You'll need to write the image to a USB drive using a program such as [balenaEtcher](#) which works on Windows, Mac and Linux. **This step will completely erase any data on your USB stick.**
- Reboot your computer**

Rescuezilla does not run from inside Windows or any other operating system **because it is one!** You must restart your computer with the USB inserted in order to use Rescuezilla. To boot from the USB, you may need to repeatedly press a key such as **F8** or **F12** while your computer is starting up.

- Download the new system image file.
 - Method 1: Visit the official PIXELHUE website (<https://pixelhue.com/>), choose **Support** > **Download Center**, and select **U5** or **U5 Pro** from the **PRODUCT CATEGORIES** area on the left.
 - Method 2: Download from the cloud disk link.
 - U5: Visit <https://wpan.novastar.tech/v2/share/bf28553266e06b4bd858967753>, change the UI language to **English** and click **Download**.



NOVA STAR

简体中文 下载APP

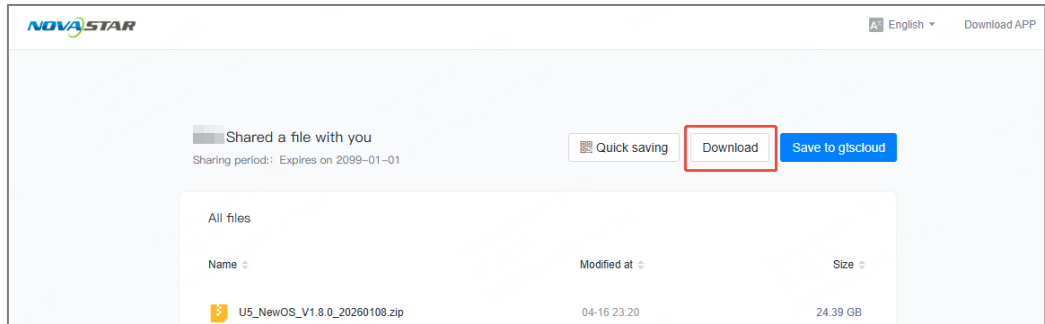
分享了文件

分享有效期: 2099-01-01到期

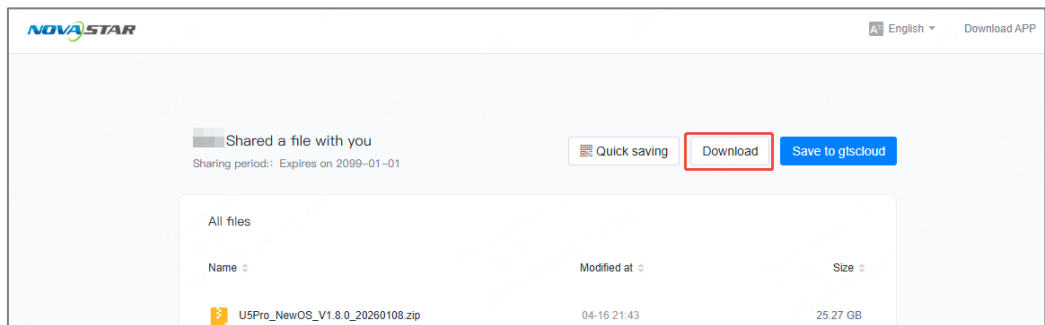
快速保存 下载 保存到GTS网盘

全部文件

名称	修改时间	大小
U5_NewOS_V1.8.0_20260108.zip	04-16 23:20	24.39 GB



- U5 Pro: Visit <https://wpan.novastar.tech/v2/share/558f9a701aee52559a4aeb0909>, change the UI language to **English** and click **Download**.



3 Create a Bootable USB Drive and Install New System

3.1 Create a Bootable USB Drive Using Ventoy

- Step 1 Extract the downloaded Ventoy compressed package to an appropriate location.
- Step 2 Double-click the extracted **Ventoy2Disk.exe** file to open the Ventoy software.
- Step 3 In Ventoy, select the USB drive you want to use for the bootable disk.
- Step 4 Click the **Install** button, and Ventoy will prompt you to format the USB drive, so ensure you have backed up any important data on it.
- Step 5 Once installed, copy the **rescuezilla-2.6-64bit.oracular.iso** image file to the USB drive.

With these steps, you have successfully created a Ventoy-based bootable USB drive. Next, proceed with installing the event controller's new system.

3.2 Install New Event Controller System from USB Drive Using Rescuezilla

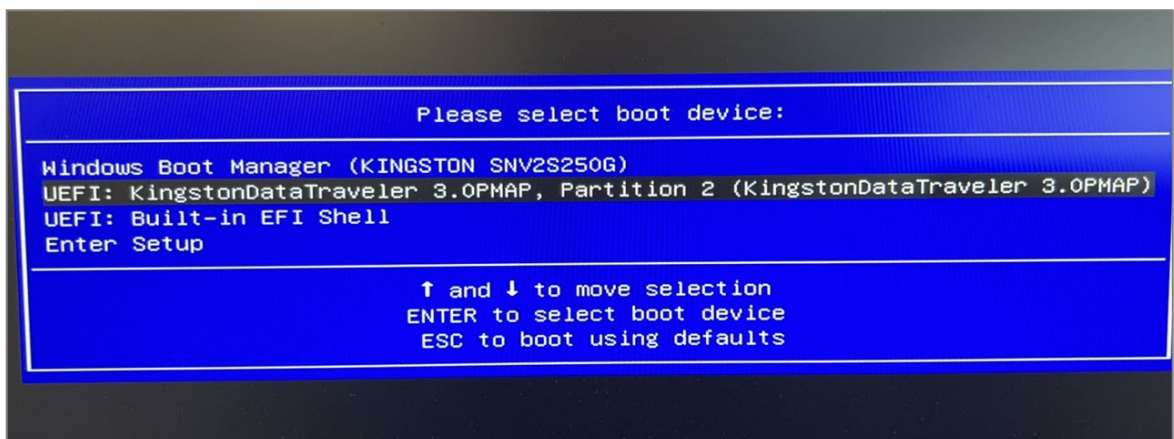
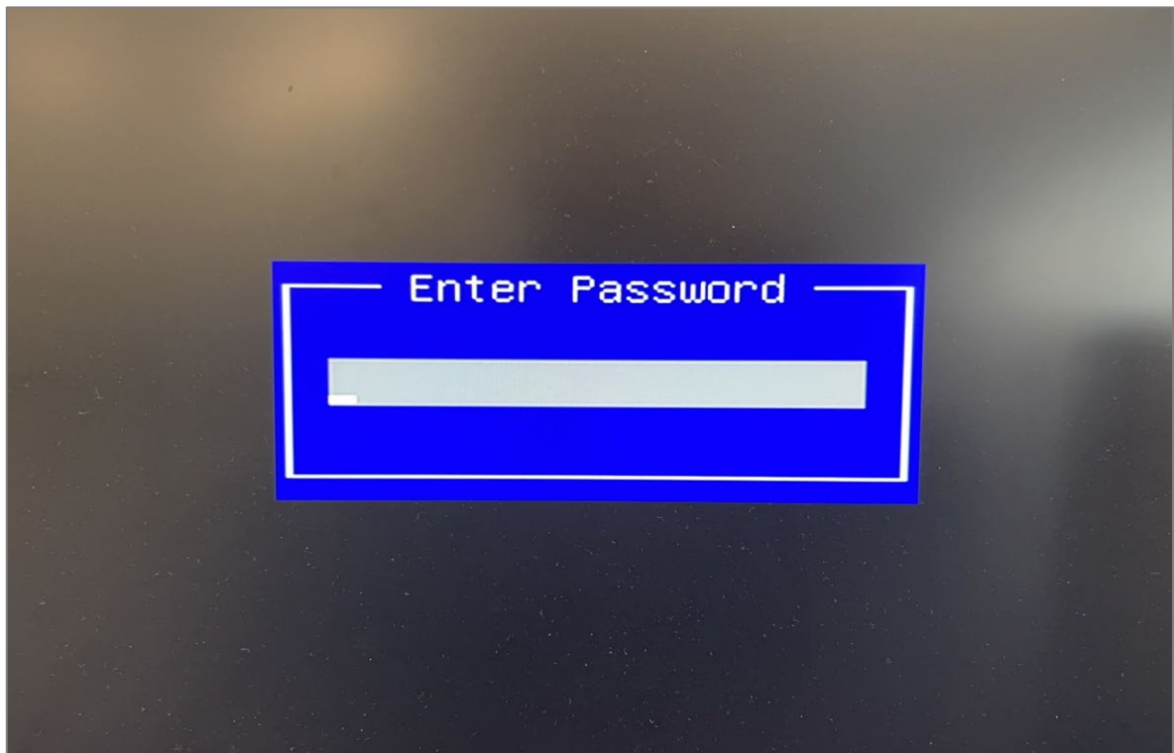
Note:

Before installing the new system, extract the .zip system package to the USB drive.

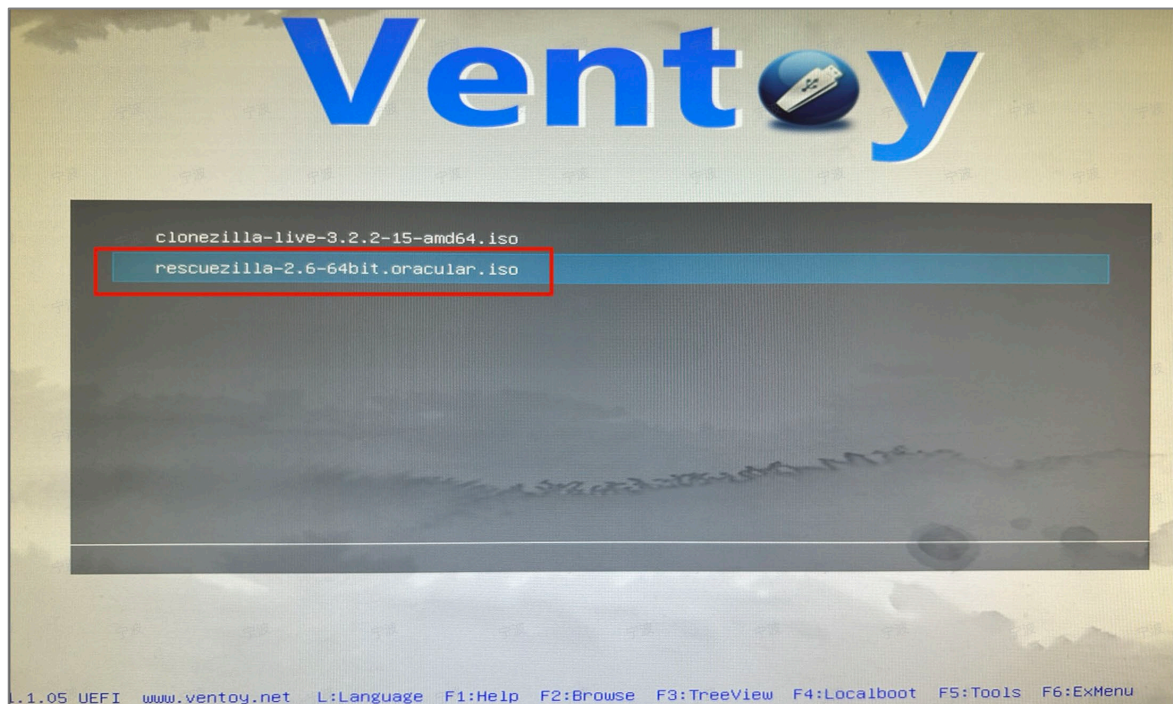
	U5_NewOS_V1.7.0T10_20250915.zip
	U5Pro_NewOS_V1.7.0T10_20250915.zip

- Step 1 Turn on the event controller, press **F11** continuously during startup, enter the password "admin", and select to boot from the USB drive.

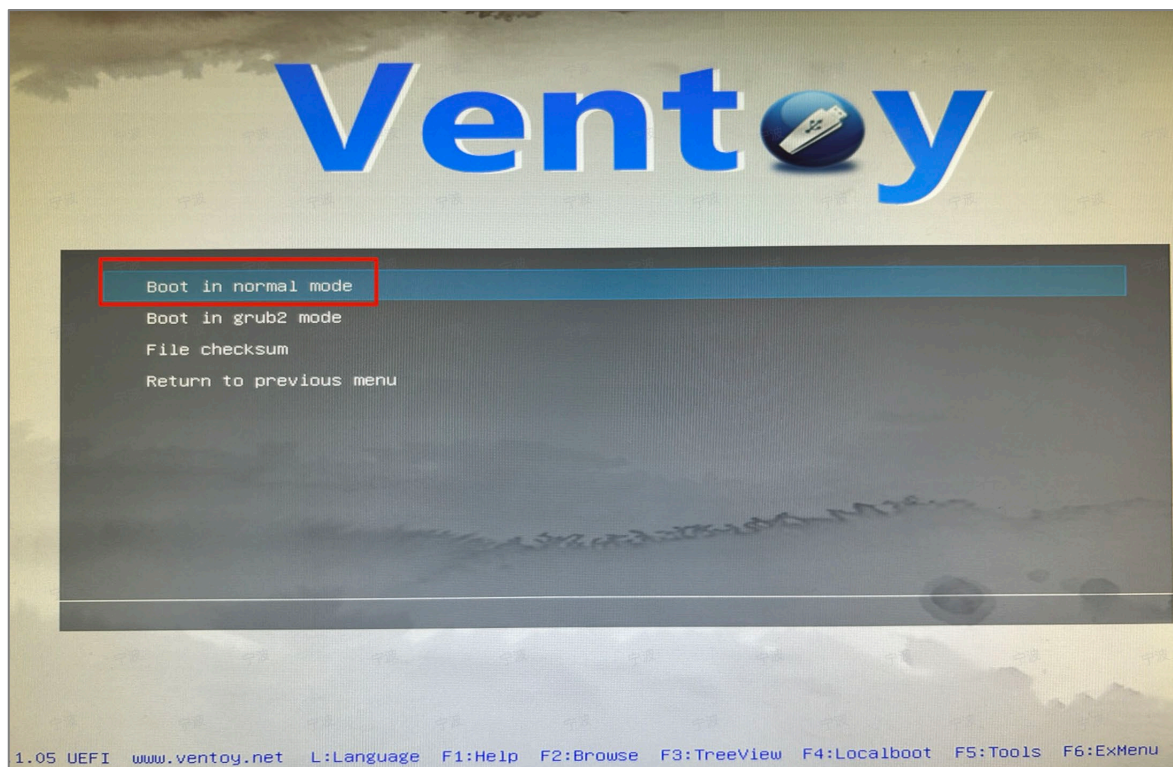
The password entry box may appear on the button screen. If you enter it incorrectly, wait for the box to appear on the main touchscreen and re-enter the password.

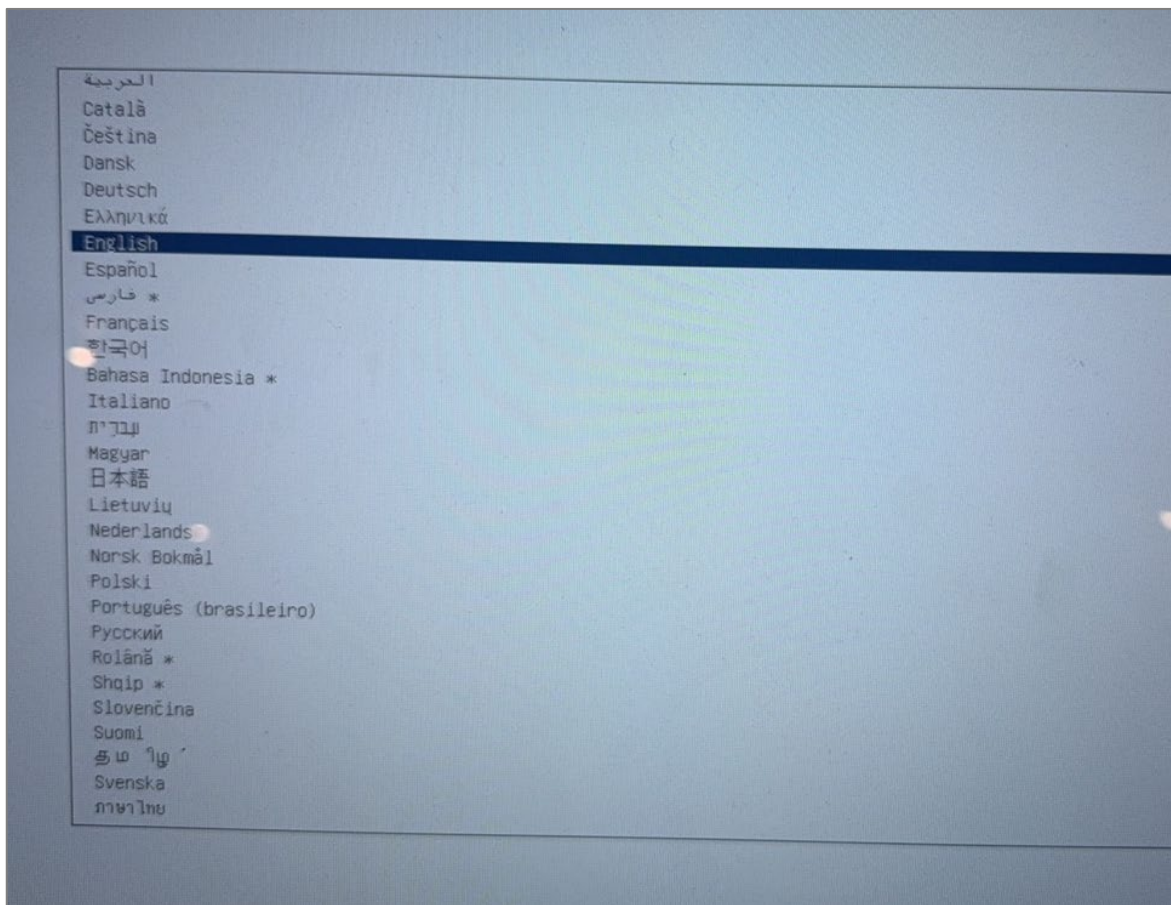
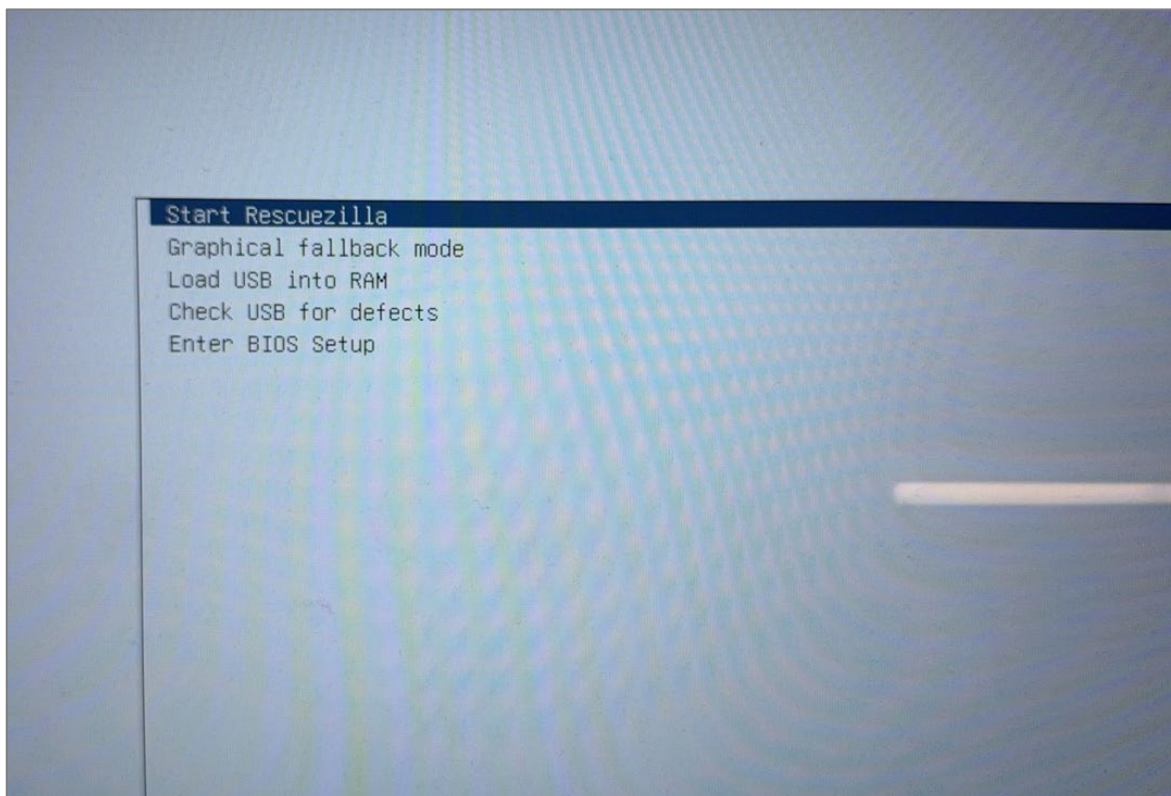


Step 2 Select the rescuezilla option. The window may appear on the button screen, so find the corresponding spot there.

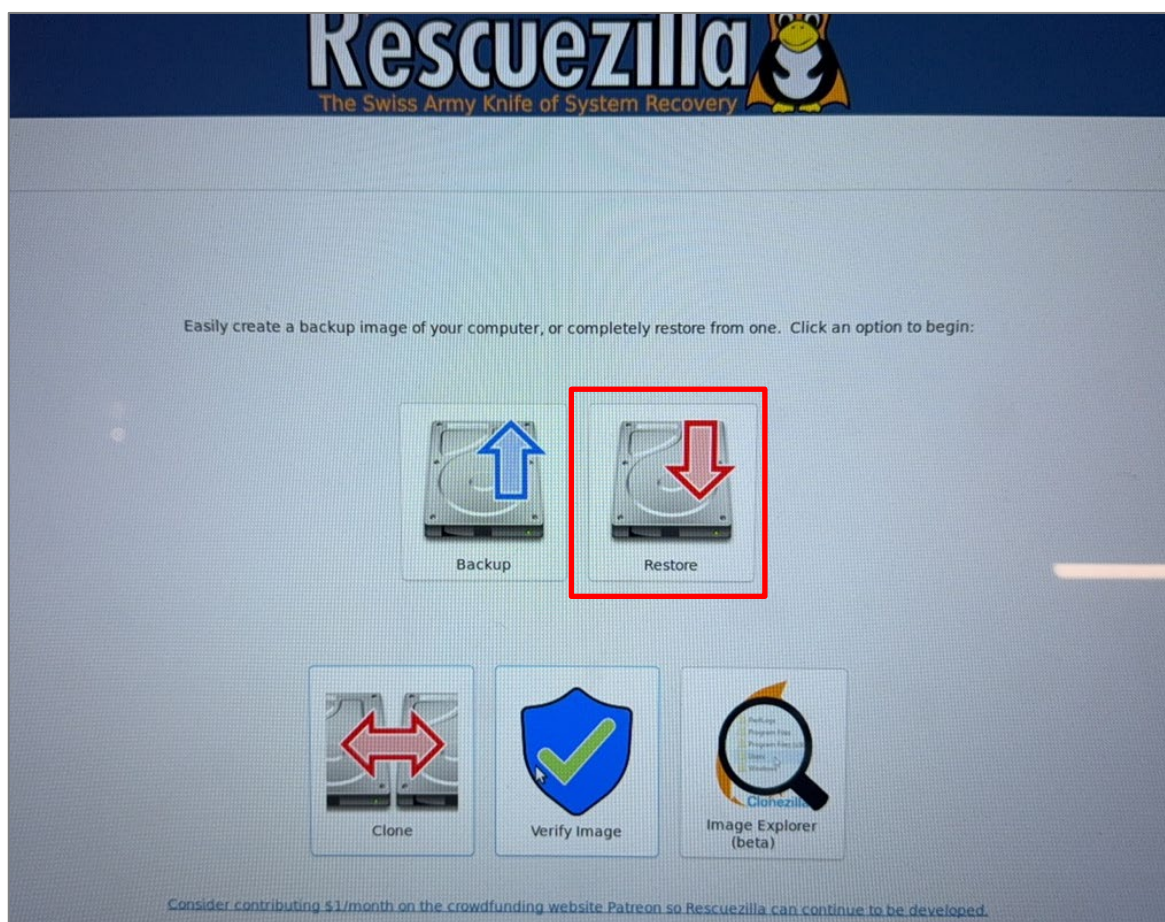


Step 3 Select **Boot in normal mode**.



Step 4 Select English.**Step 5 Select Start Rescuezilla.**

Step 6 Select **Restore**.

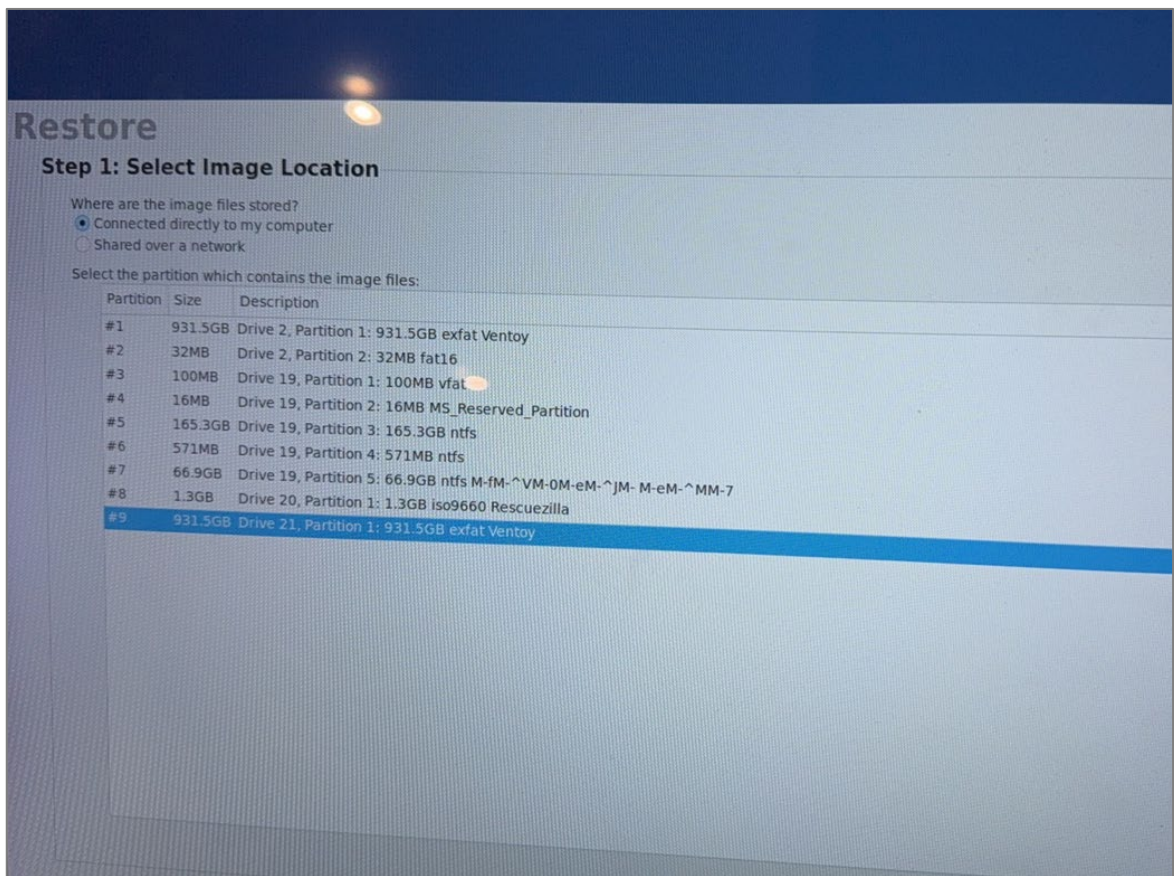


Note:

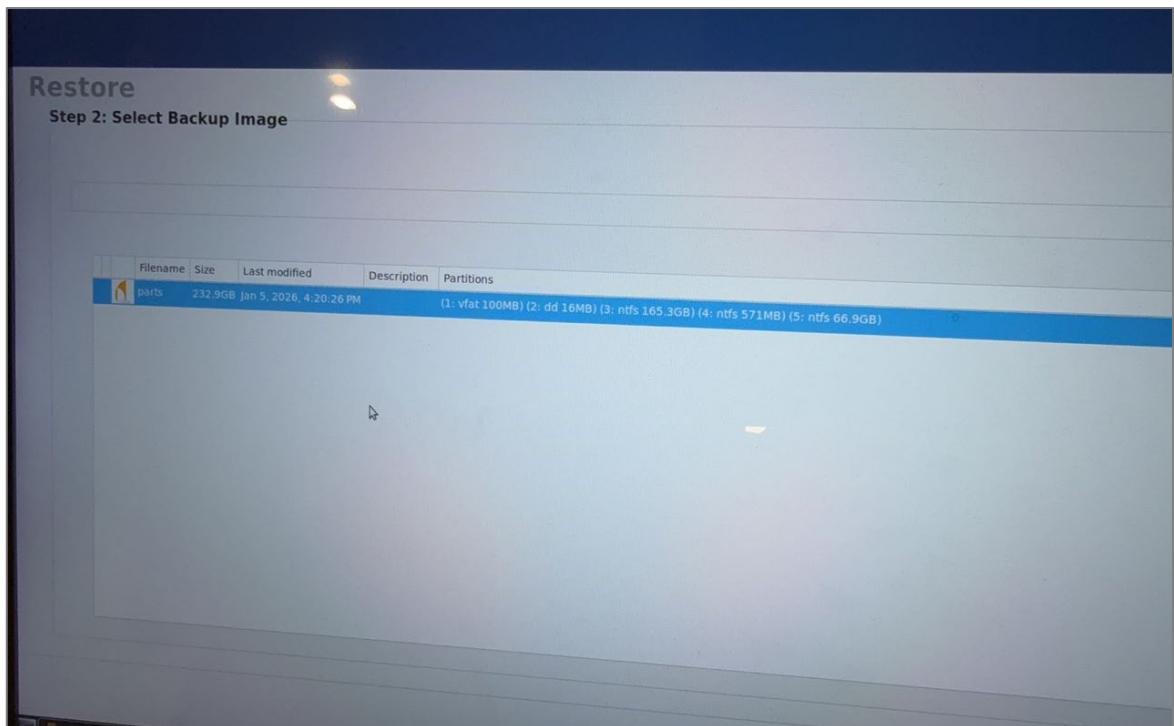
If the restore software doesn't appear on the main touchscreen, close and reopen it.



Step 7 Select the location of the restoration image, i.e., the USB drive.



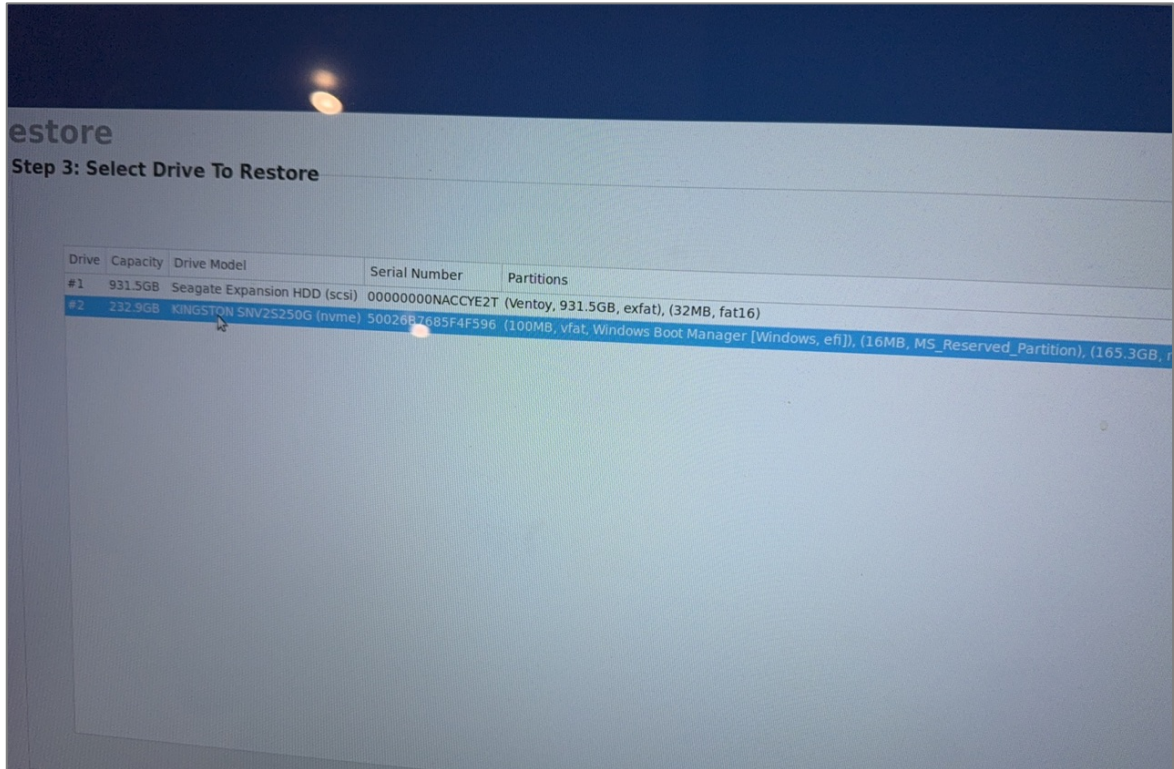
Step 8 Click **Browse** in the upper-right corner, then locate and select the image to restore, which is the extracted image folder on the USB drive.



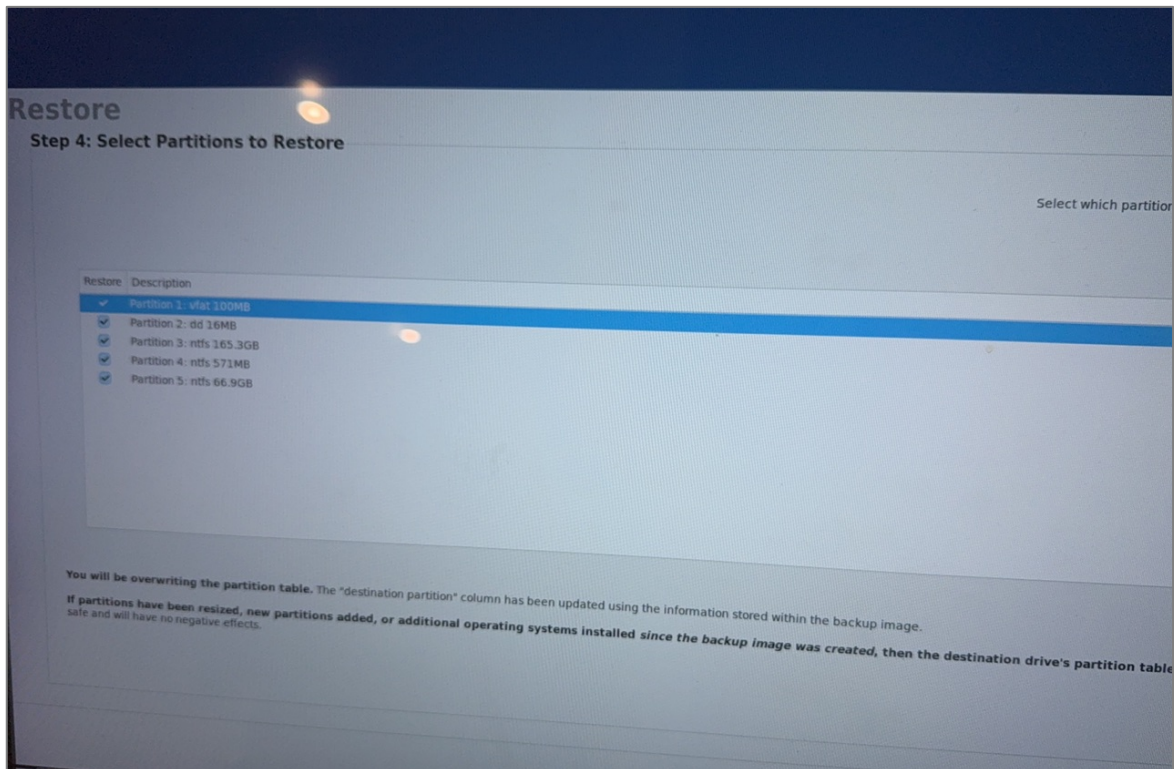
Note:

The image file will not be automatically detected and appear.

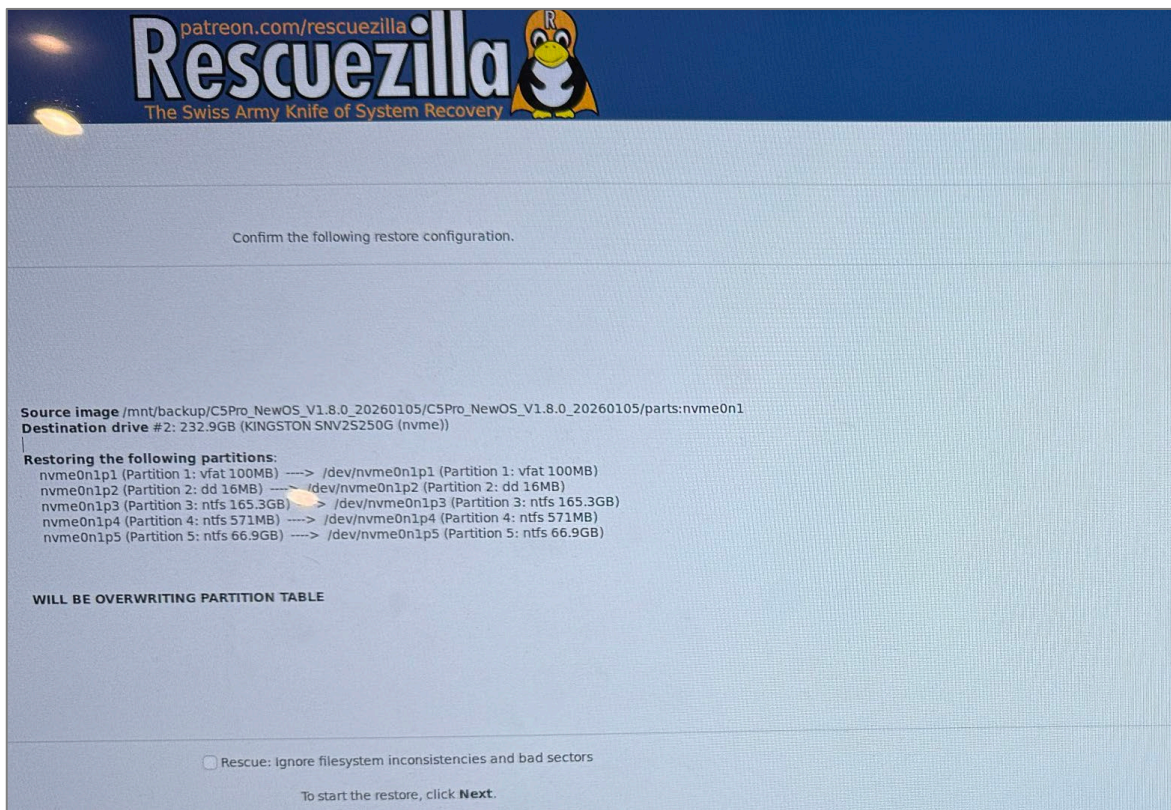
Step 9 Select the hard drive to restore the image to. The event controller hard drive is a 256GB SSD.



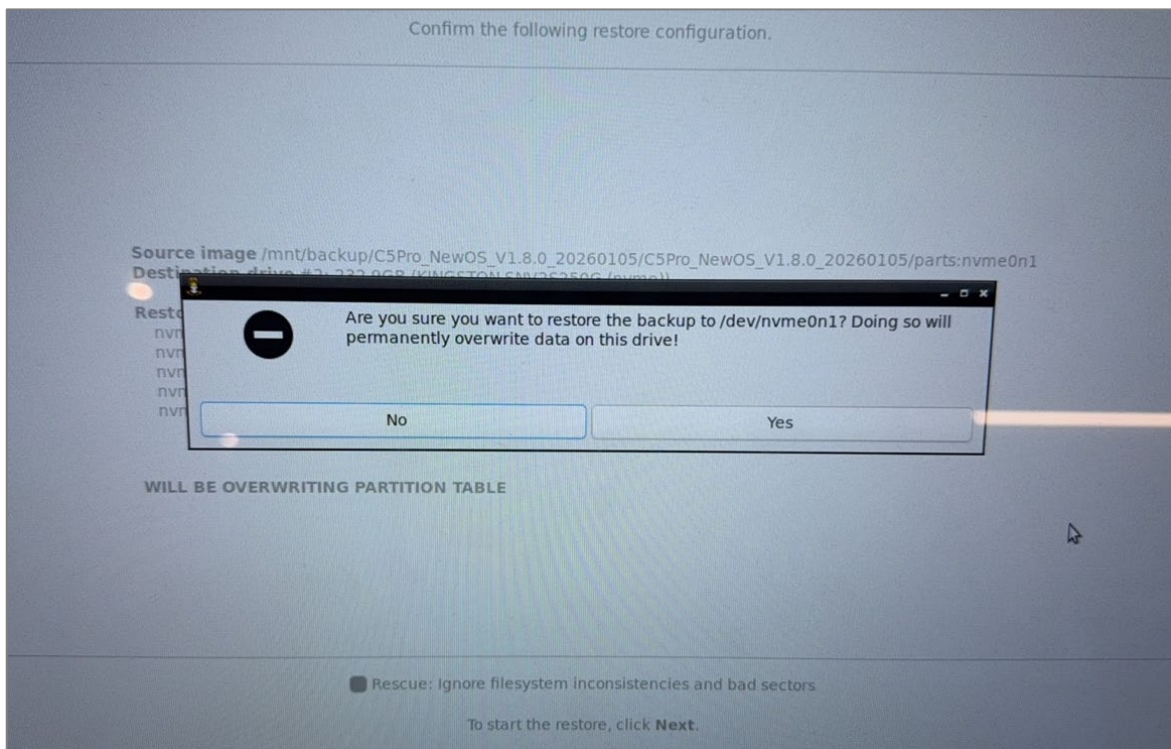
Step 10 Select all the partitions for a full disk restoration.



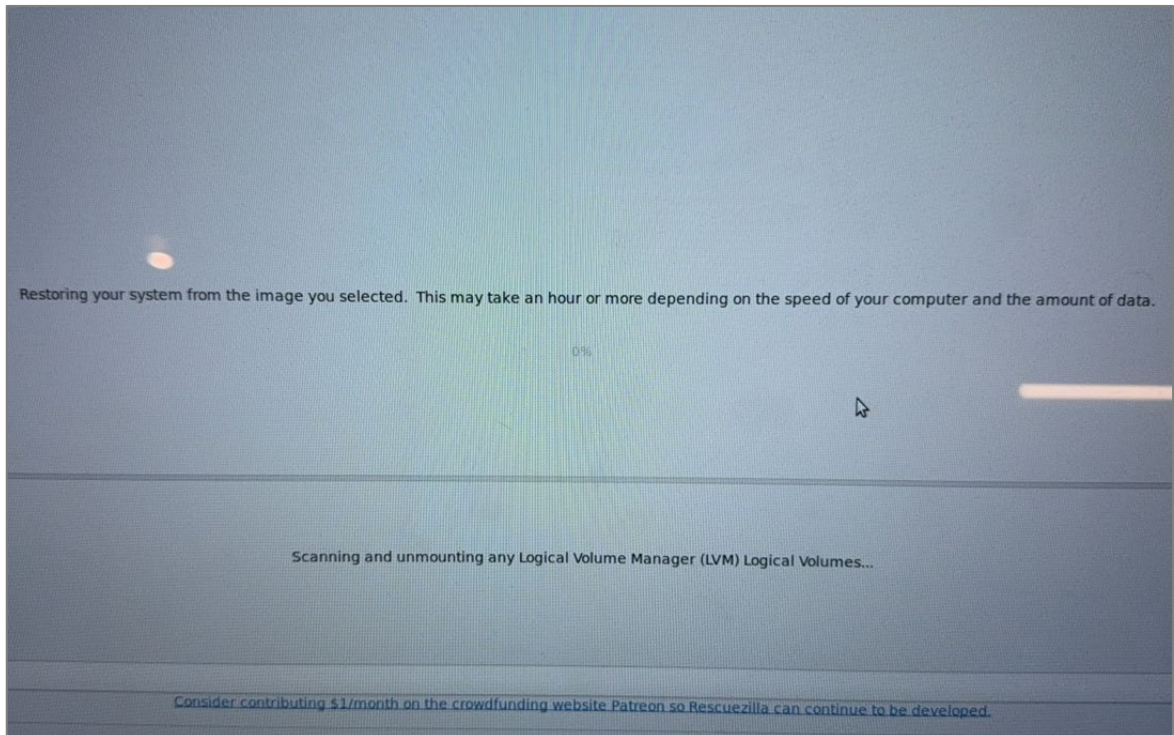
Step 11 Confirm the restoration details.



Step 12 Confirm the warning that the restoration will overwrite data, and select **Yes**.



Step 13 Wait for the restoration to complete, which takes about 8 minutes.

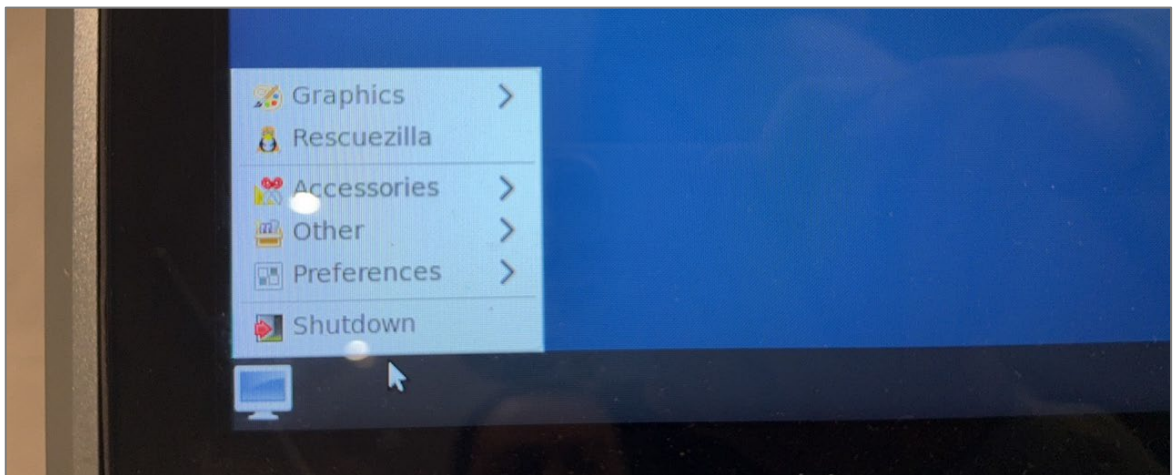


Note:

The screen might temporarily go black during restoration (this is normal system power-saving behavior). You can move the mouse or press a key to wake it up.

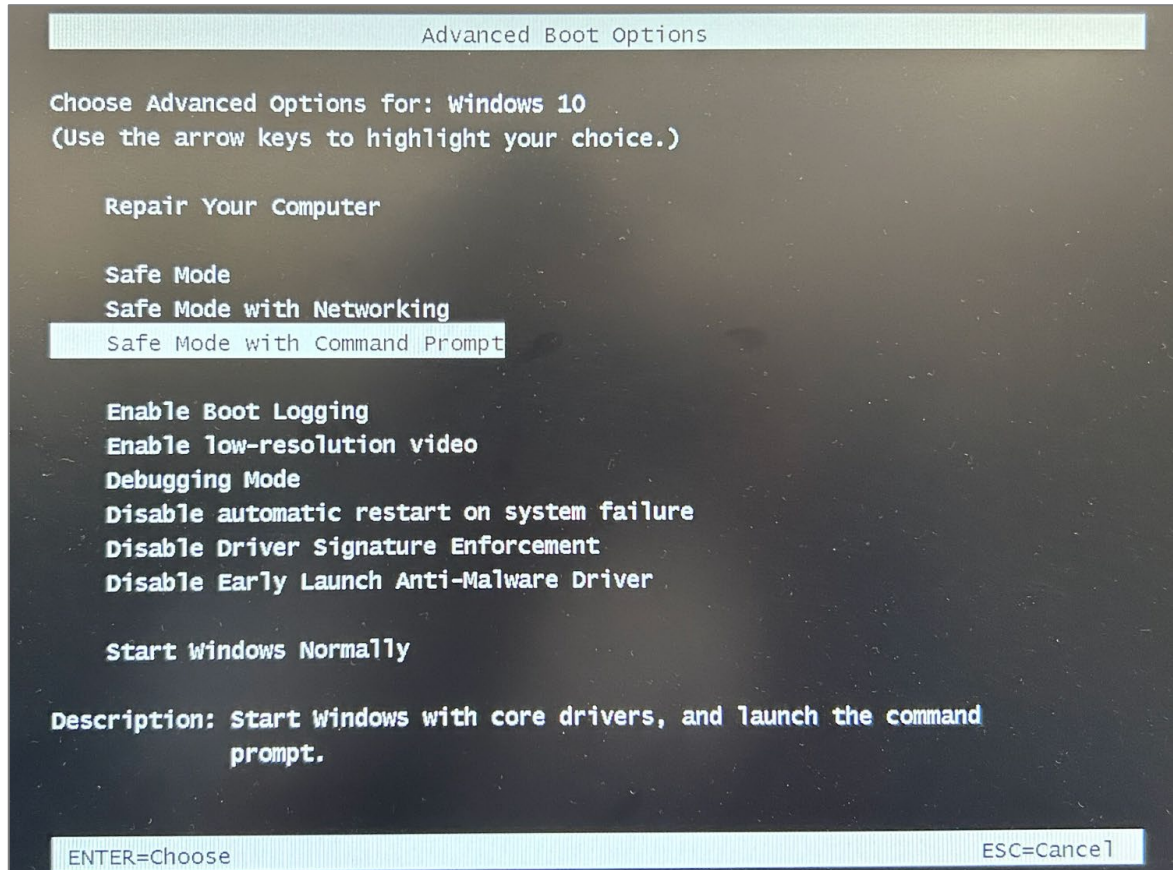
Step 14 Once completed, click **Shutdown** at the bottom left of the screen to restart the event controller.

If the main touchscreen goes black and won't wake, disconnect the power and restart it.

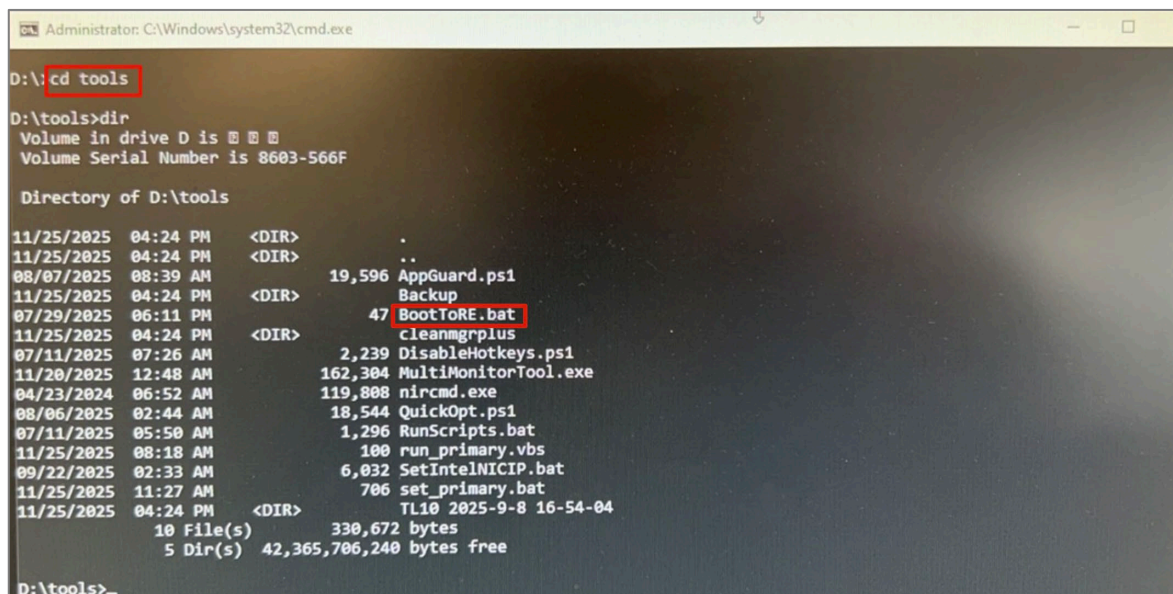


4 Recover System Without Bootable USB Drive

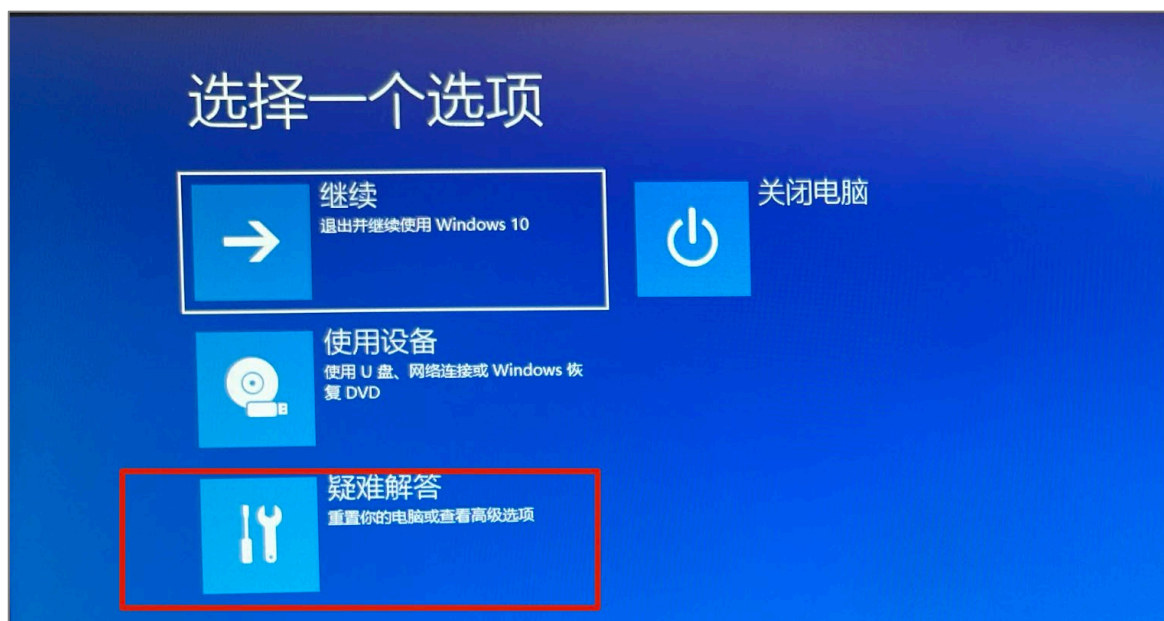
- Step 1 Turn on the event controller, press **F8** continuously during startup to enter the safe mode, and select **Safe Mode with Command Prompt**.



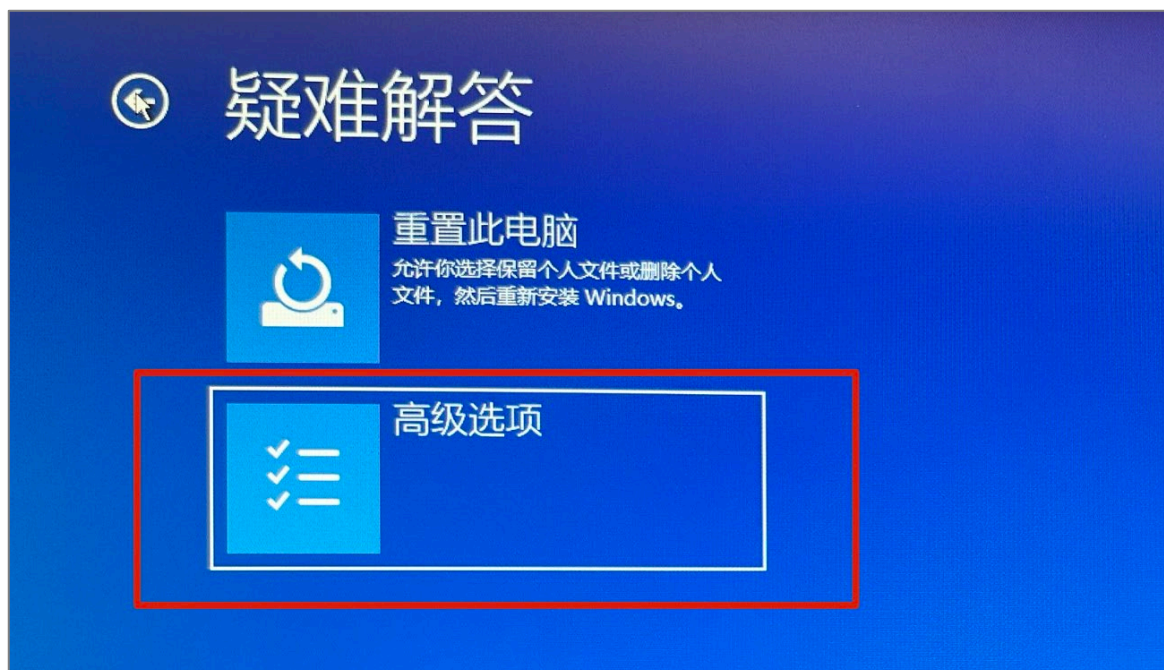
- Step 2 Type **D:** and press **Enter** to access the D drive. Then type **cd tools** and press **Enter**. Finally, type **BootToRE.bat** and press **Enter**. The system will reboot directly into the WinRE recovery mode page.



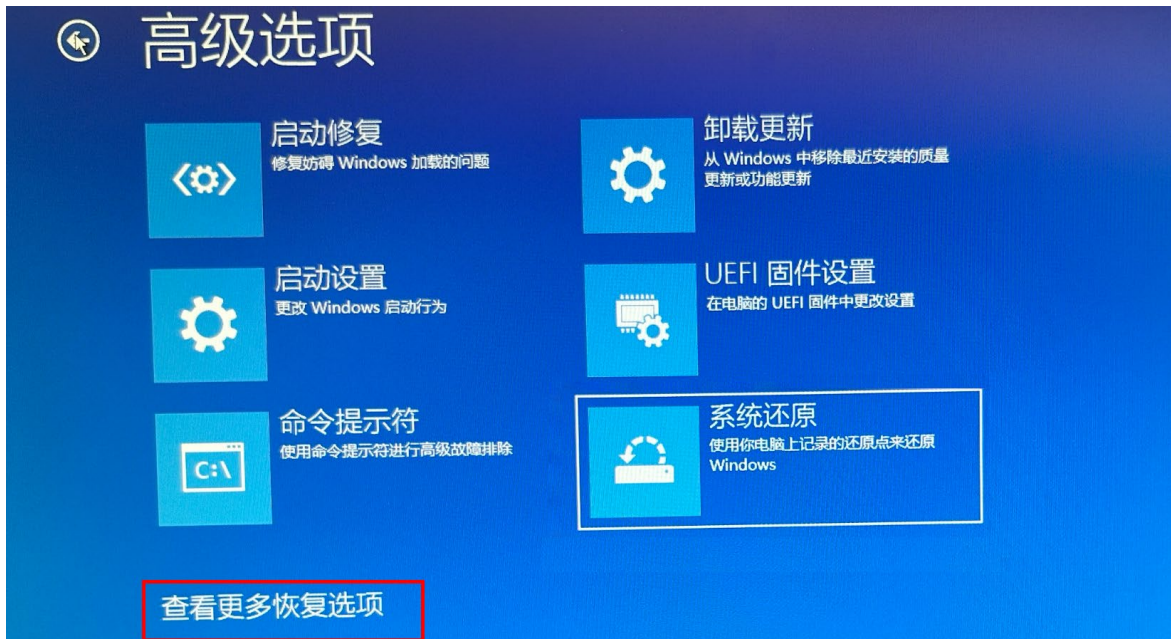
Step 3 On the WinRE recovery mode page, select **疑难解答** (Troubleshoot).



Step 4 On the **疑难解答** (Troubleshoot) page, select **高级选项** (Advanced options).



Step 5 Click **查看更多恢复选项** (See more recovery options).



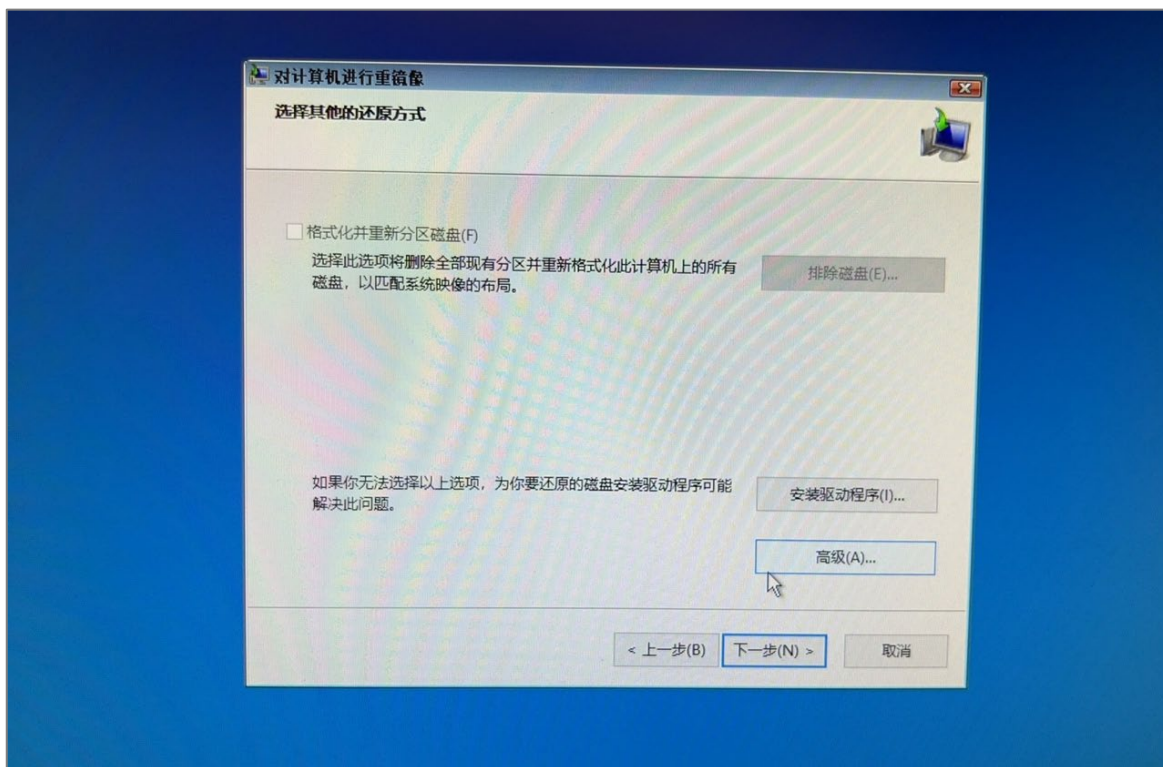
Step 6 Click **系统映像恢复** (System Image Recovery). The system will automatically search for the latest available system image.



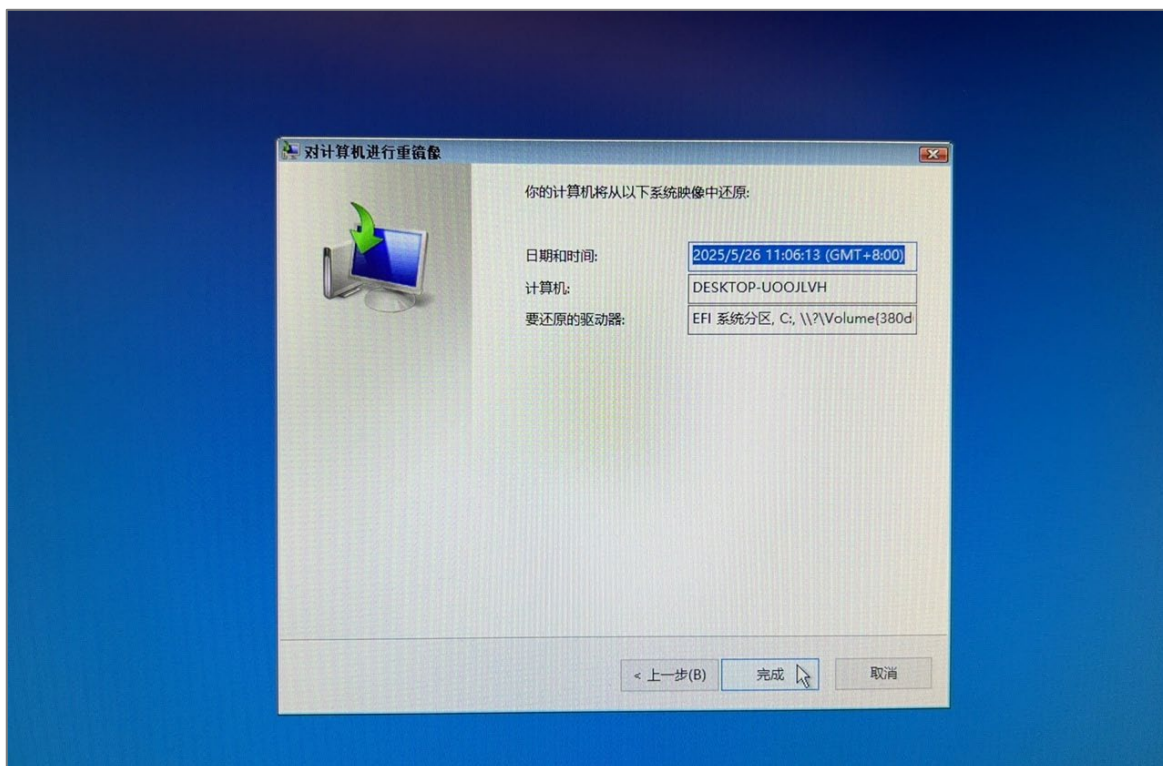
Step 7 On the system image selection page, click **下一步** (Next) without making any selections.



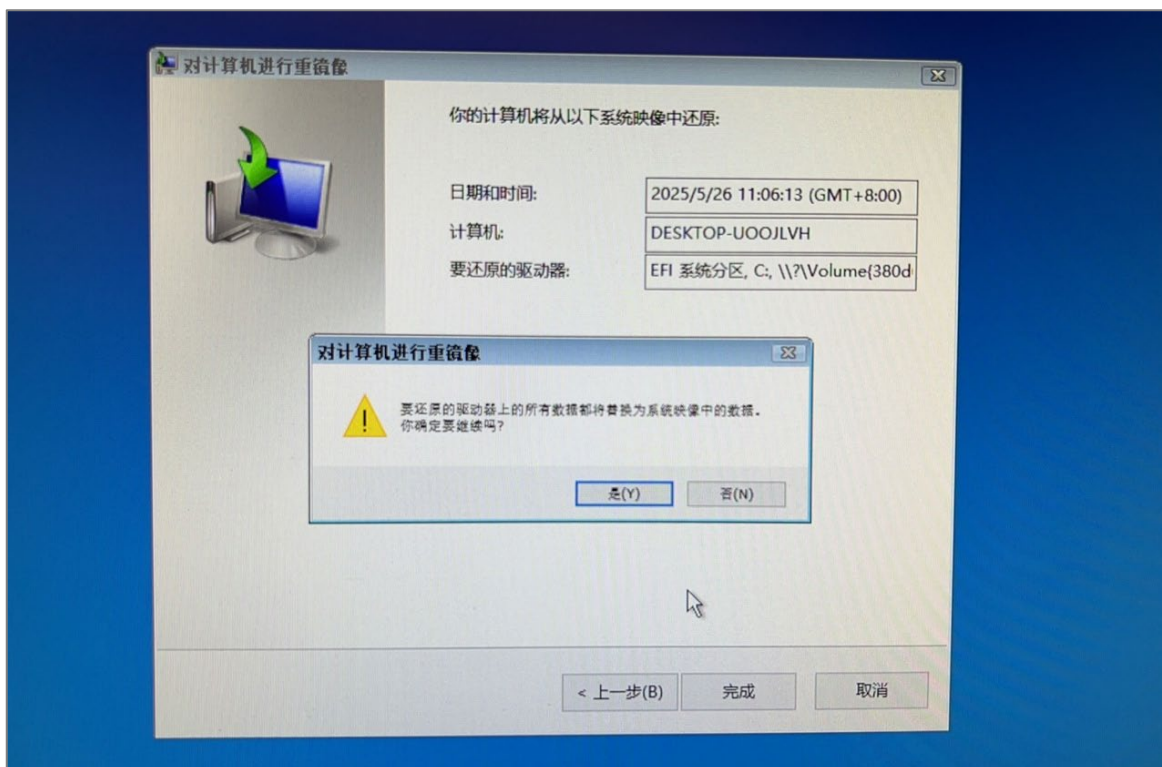
Step 8 Click **下一步** (Next).



Step 9 Click **完成** (Finish).

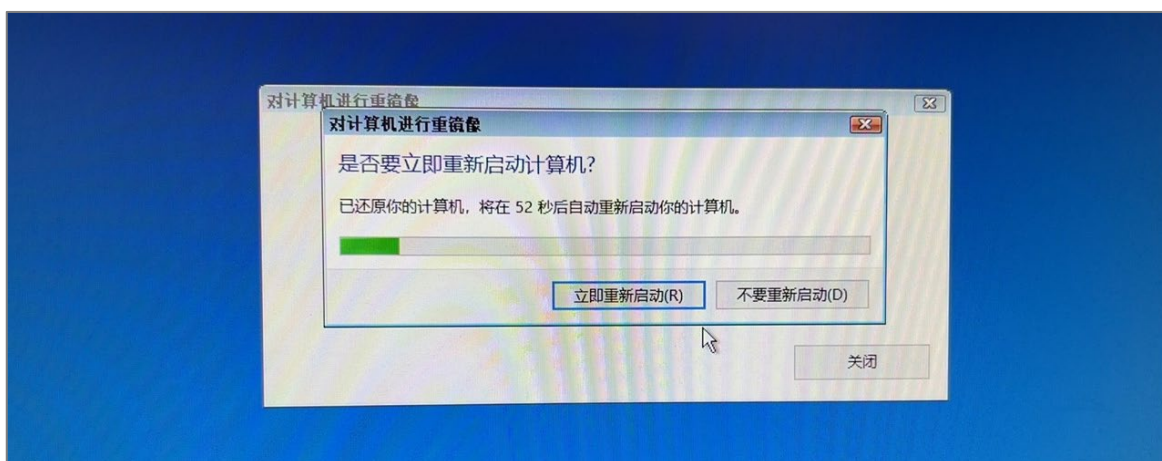


- Step 10 On the prompt warning that all data on the drives to be recovered will be replaced by the system image data, click **是** (Yes) to start the recovery process.



- Step 11 Once the recovery is successful, the system will automatically restart in 60 seconds, or you can click **立即重新启动** (Restart Now).

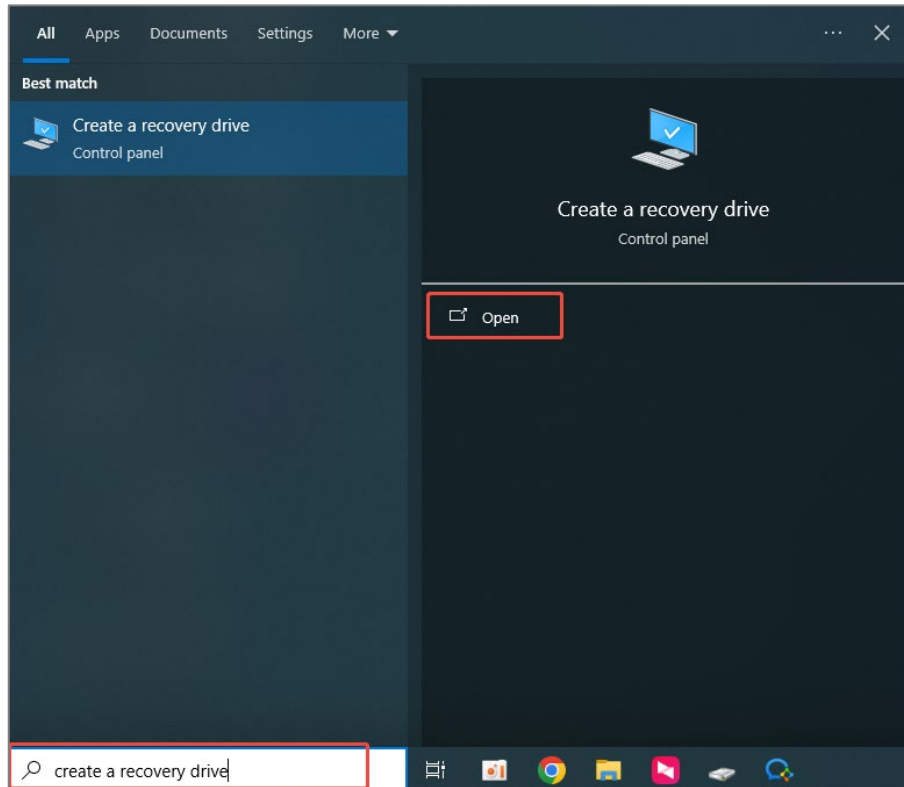
After the event controller restarts, it will enter the Windows system, and the recovery process is complete.



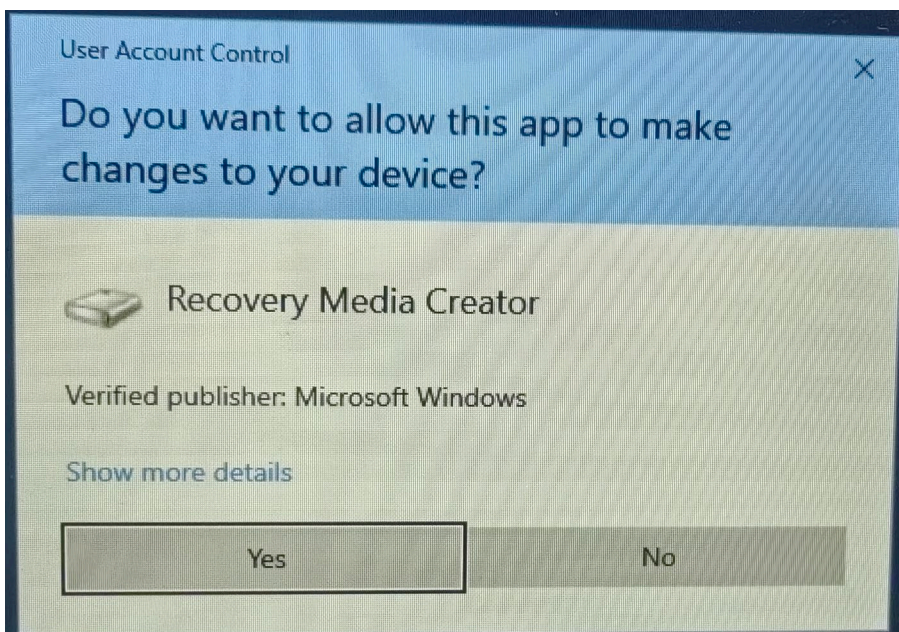
5 Recover System with Bootable USB Drive

5.1 Create a Recovery Drive

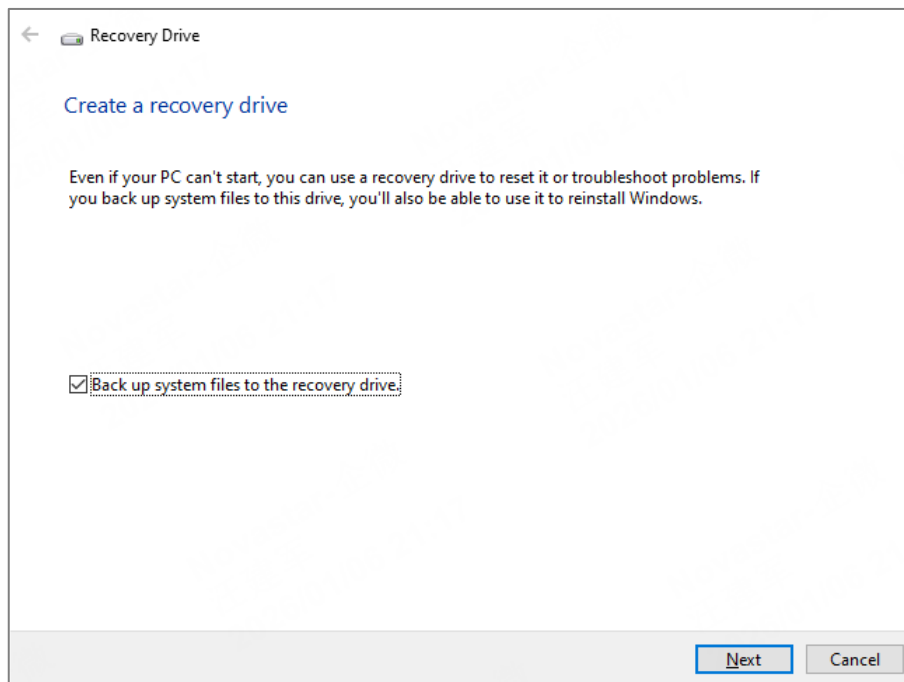
Step 1 Type **Create a recovery drive** in the Windows search box, and then click **Open**.



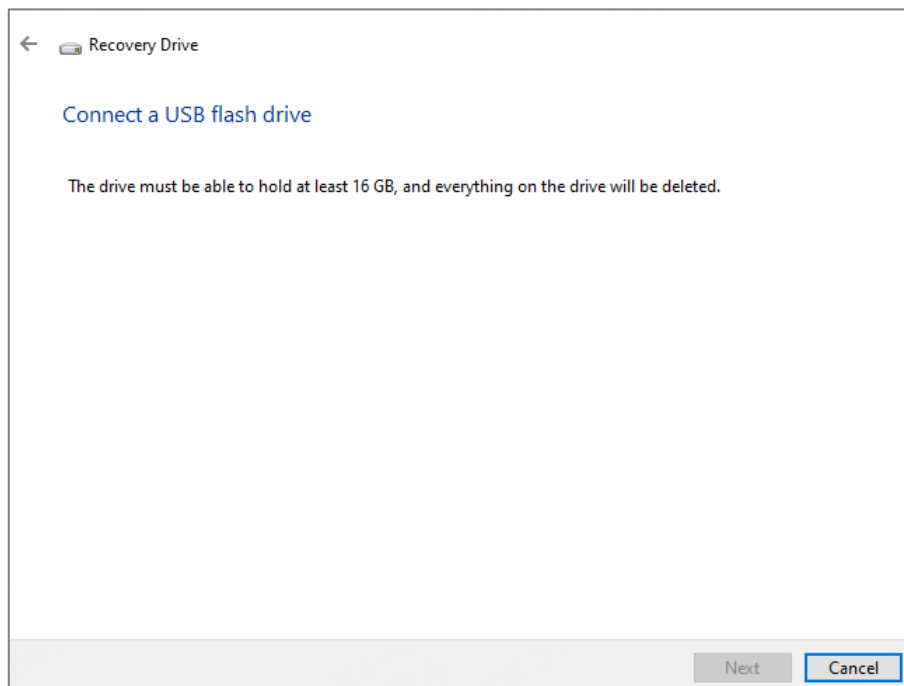
Step 2 If the **User Account Control** window appears, select **Yes**.



Step 3 Check **Back up system files to the recovery drive** and then click **Next**.



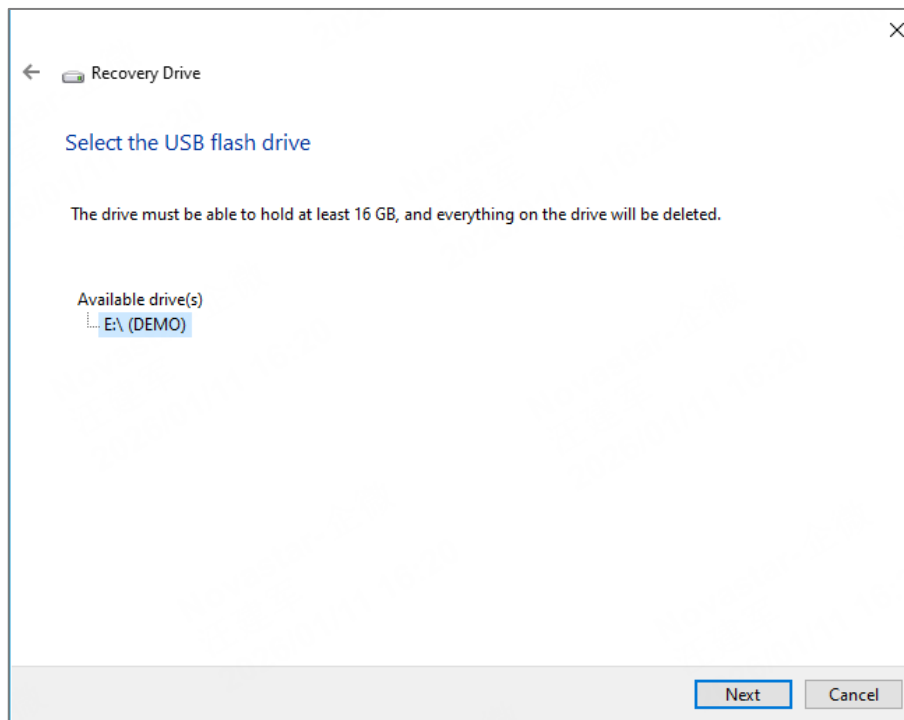
Step 4 Connect the USB drive you wish to use as a recovery drive to the computer.



Note:

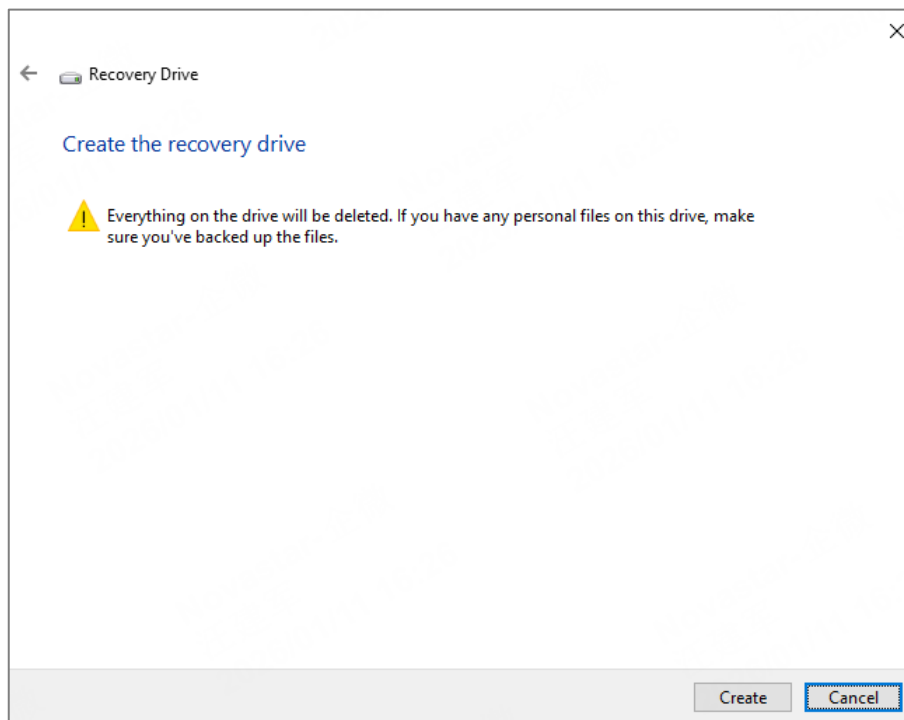
All data on the USB drive will be erased during the process. Please back up any data on the drive beforehand.

Step 5 Select the USB drive you want to use from the available disk drives, and then click **Next**.



Step 6 Click **Create**.

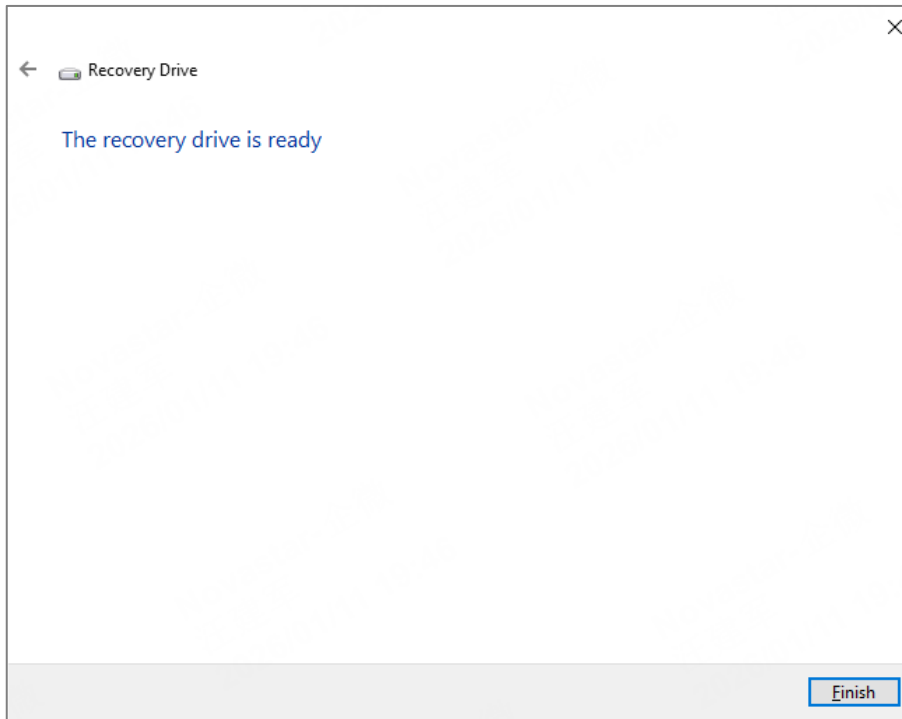
The system will start creating the recovery drive. Recovery images and necessary repair tools will be copied to the USB drive. This process may take some time, depending on your computer and the size of the recovery image.



Note:

Ensure the computer remains connected to a power source and avoid shutting it down forcefully during the creation process to prevent incomplete creation.

Step 7 Once the recovery drive is created, click **Finish**.



5.2 Restore the System Using System Restore Points

If the event controller won't start, you can enter the Windows Recovery Environment (WinRE) using the recovery drive and restore the event controller system with a system restore point, or reinstall the Windows system using the recovery drive.

Step 1 Connect the pre-prepared recovery drive (USB drive) to the event controller.

Step 2 Start the event controller, press **F11** continuously during startup, and select to boot from the USB drive to enter the Windows Recovery Environment.

Step 3 Select your keyboard layout.



Note:

The system restore point refers to the points recorded by the event controller system, not the backups on the USB recovery drive.

Step 4 Select **疑难解答** (Troubleshoot).



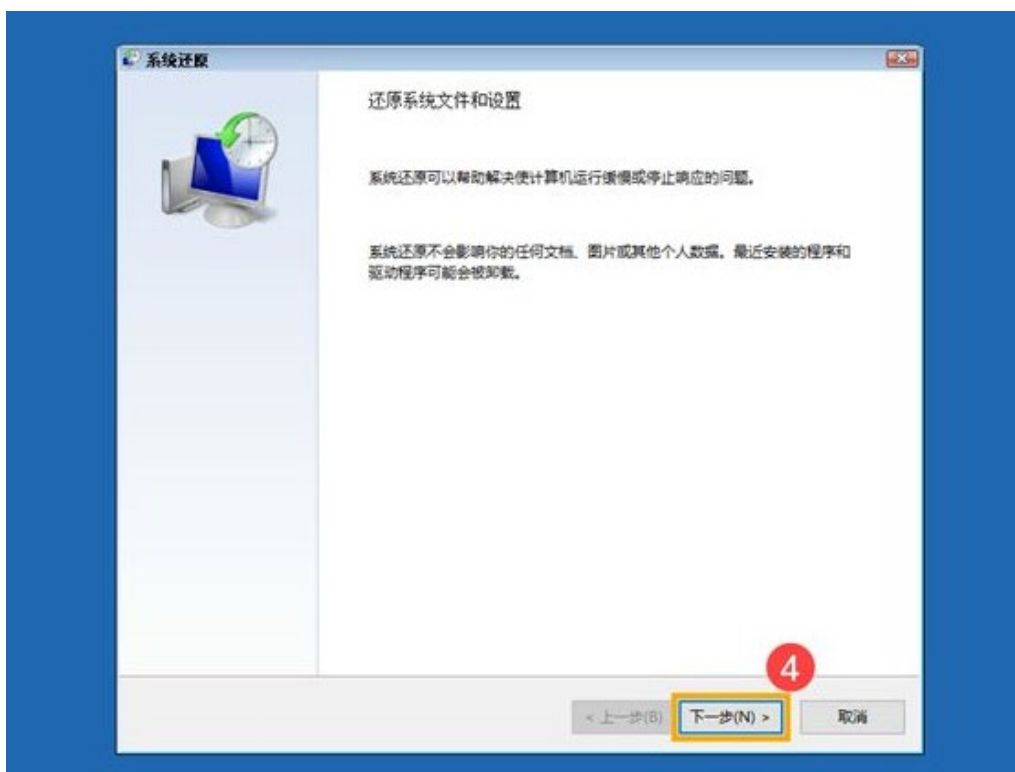
Step 5 Select **系统还原** (System Restore).



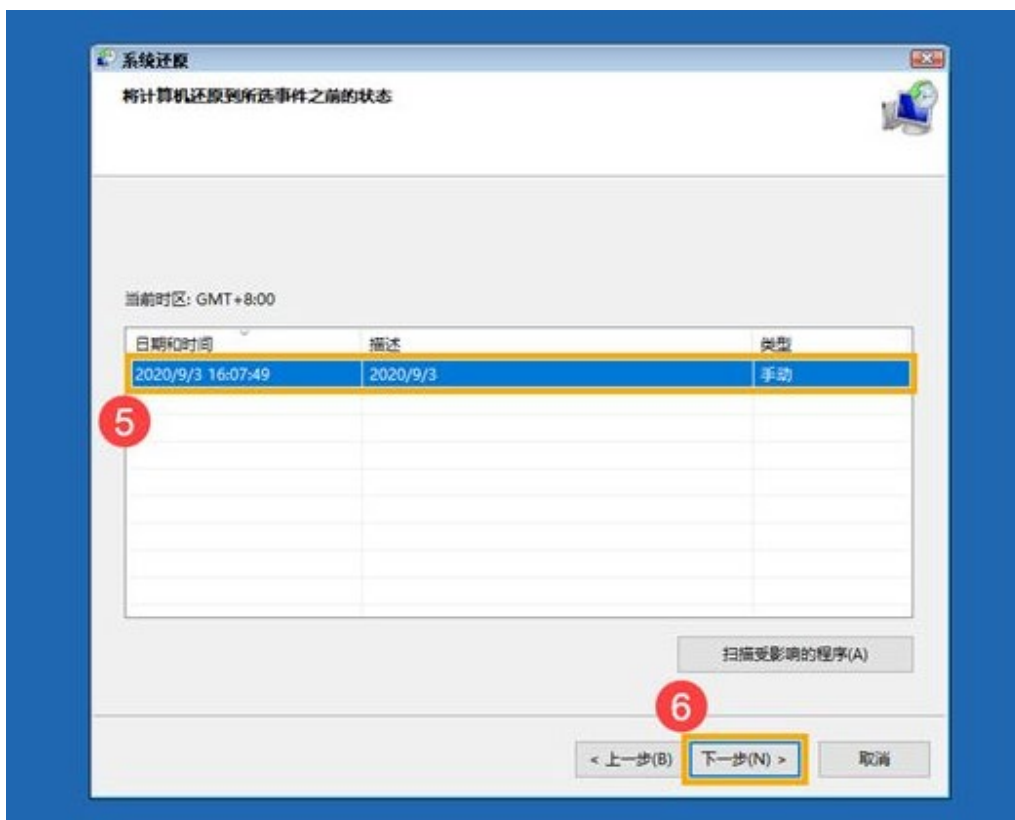
Step 6 Select **Windows 10** to enter the system restore settings page.



Step 7 Click **下一步** (Next).



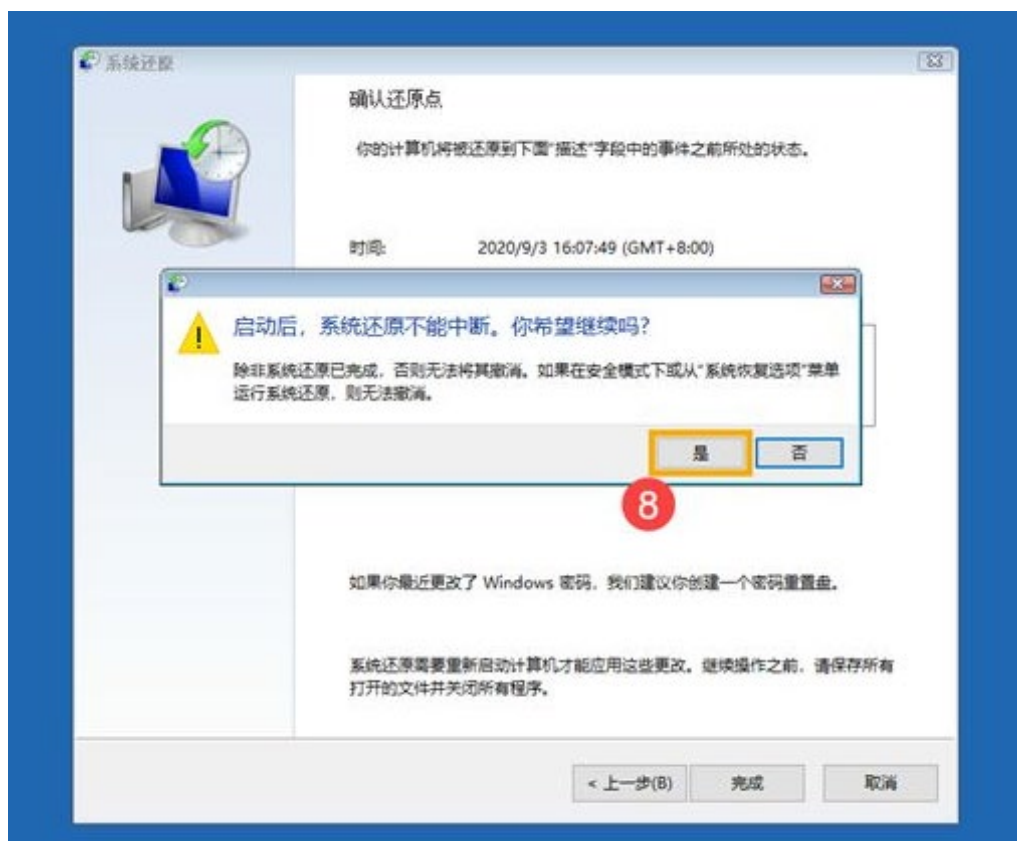
Step 8 If there are multiple restore points, select the one you want to use, then click **下一步** (Next). You can also click **扫描手映像的程序** (Scan for affected programs) to see what effect the restore will have.



Step 9 Confirm that the selected restore point is correct, and then click **完成** (Finish).



Step 10 Click **是** (Yes) in the prompt to start the restoration process. Once complete, the event controller will restart and enter the Windows system.



Note:

Ensure the event controller remains connected to a power source and avoid shutting it down forcefully during the restoration to prevent issues.

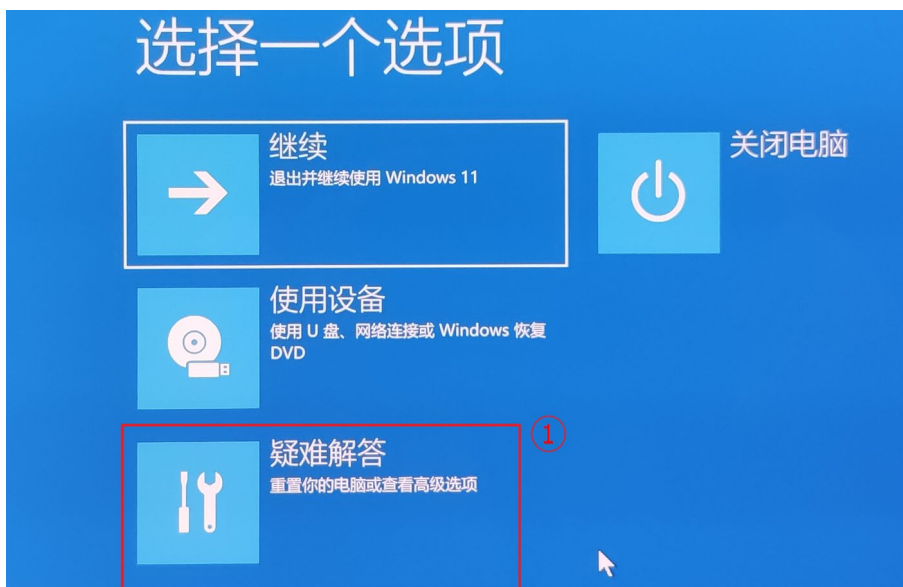
5.3 Recover the System Using a System Image

If the event controller won't start, you can access the Windows Recovery Environment (WinRE) through a recovery drive and recover the event controller system using a system image.

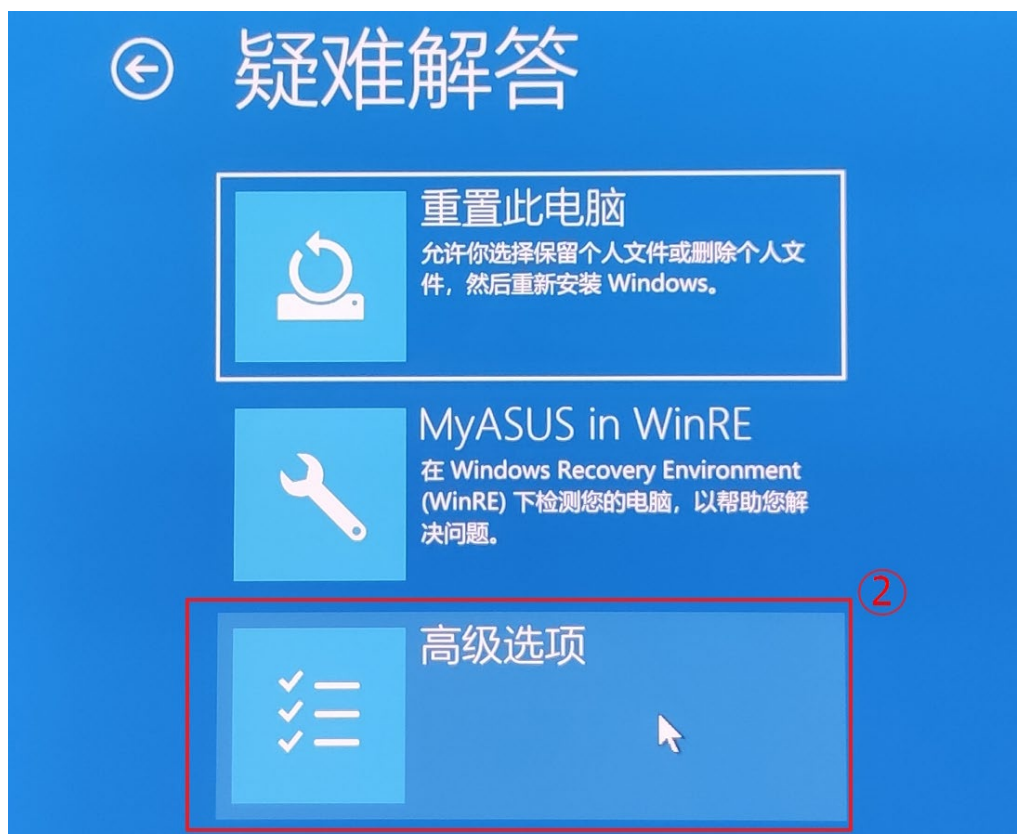
- Step 1 Connect the pre-prepared recovery drive (USB drive) to the event controller.
- Step 2 Start the event controller, press **F11** continuously during startup, and select to boot from the USB drive to enter the Windows Recovery Environment.
- Step 3 Select your keyboard layout.



- Step 4 Select **疑难解答** (Troubleshoot).



Step 5 Select 高级选项 (Advanced options).



Step 6 On the 高级选项 (Advanced options) page, click 查看更多恢复选项 (See more recovery options).



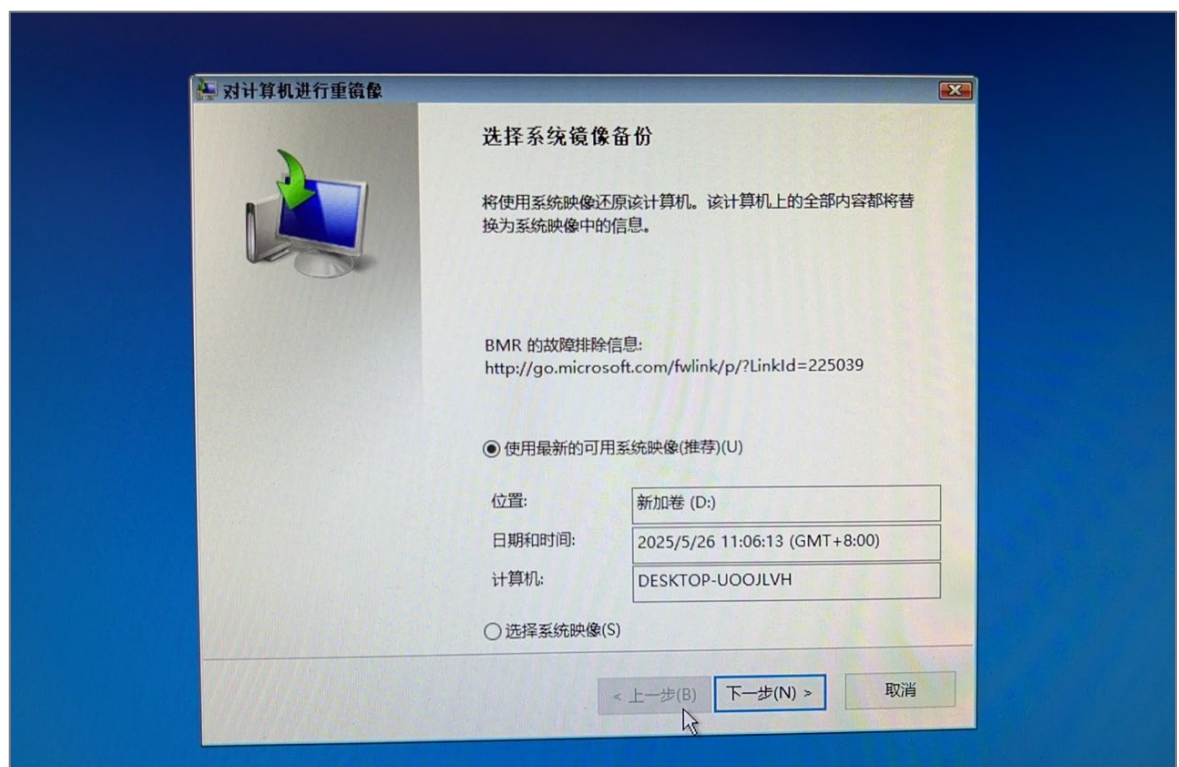
Step 7 Click **系统映像恢复** (System Image Recovery).



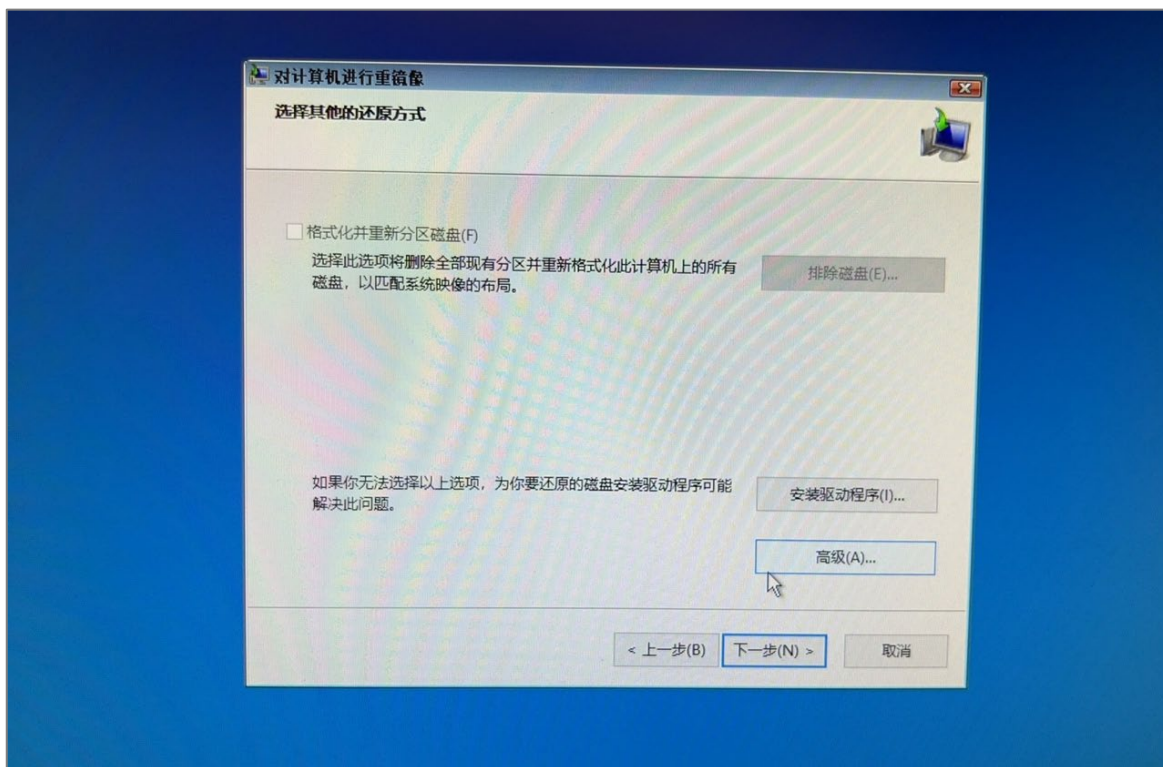
Step 8 Select **Windows 10**. The system will automatically search for the latest available system image.



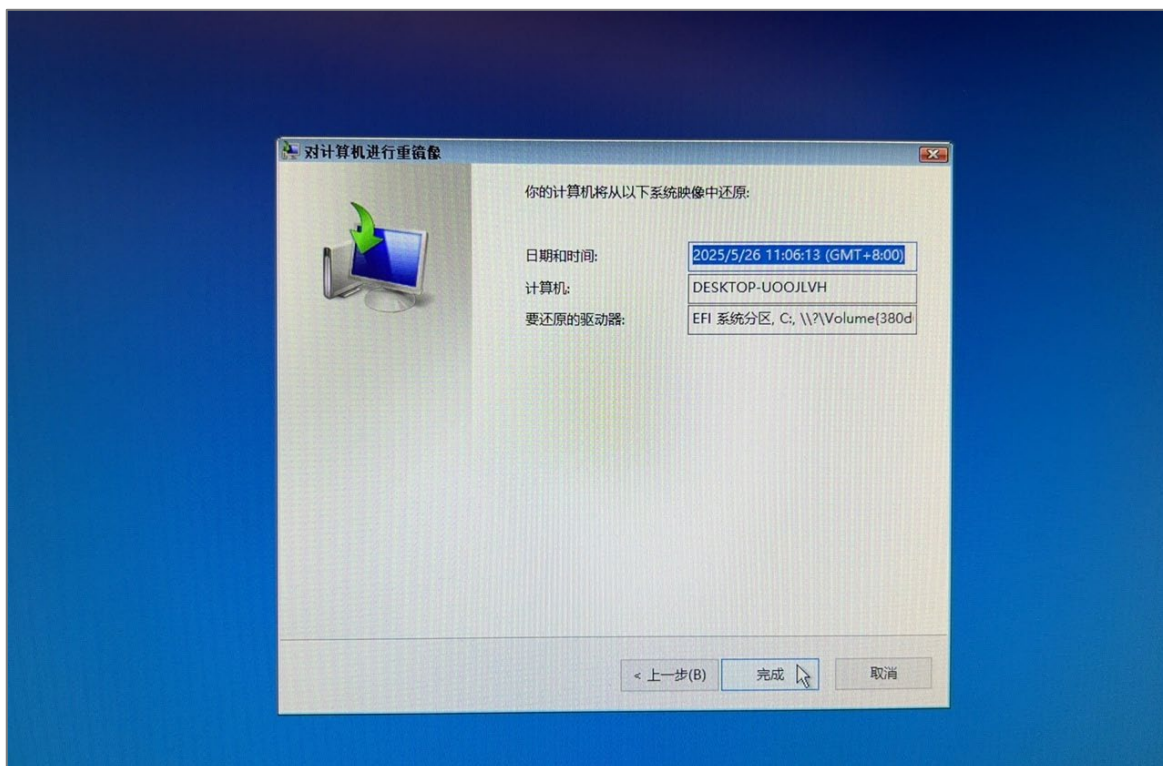
Step 9 On the system image selection page, click **下一步** (Next) without making any selections.



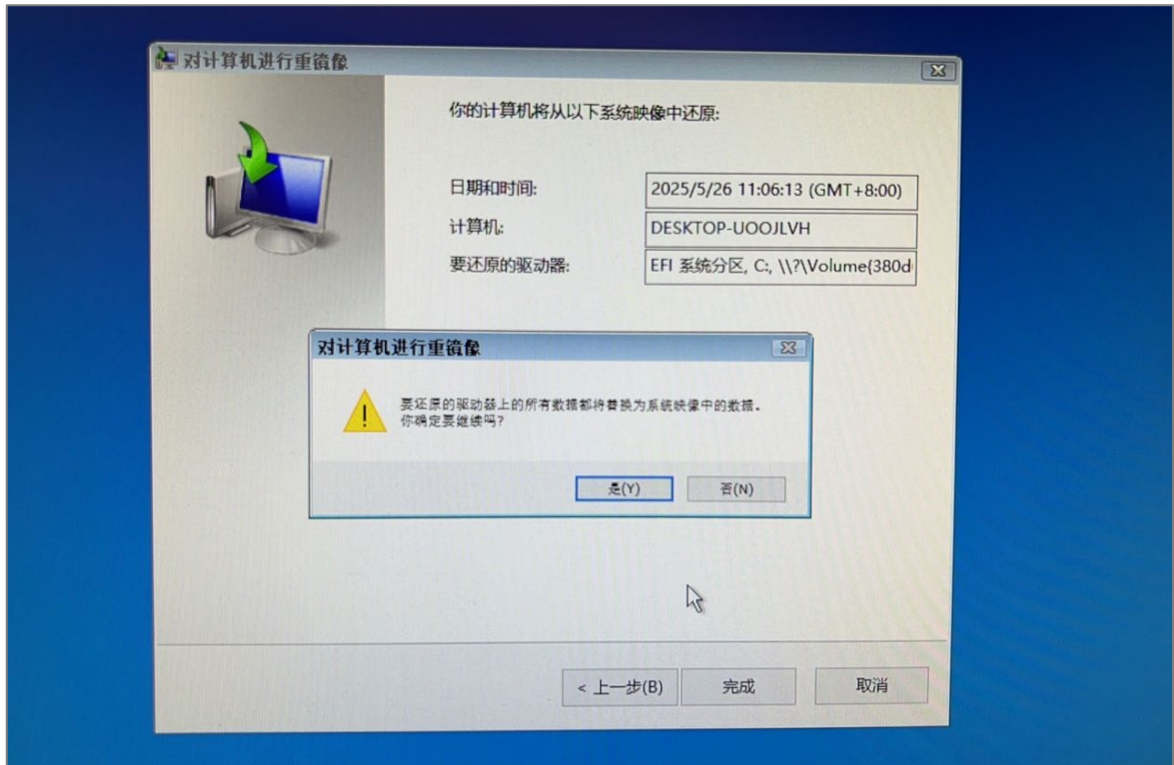
Step 10 Click **下一步** (Next).



Step 11 Click **完成** (Finish).



- Step 12 On the prompt warning that all data on the drives to be recovered will be replaced by the system image data, click **是** (Yes) to start the recovery process.



- Step 13 Once the recovery is successful, the system will automatically restart in 60 seconds, or you can click **立即重新启动** (Restart Now).

After the event controller restarts, it will enter the Windows system, and the recovery process is complete.

