

Restore the factory image system

1. Format the SSD

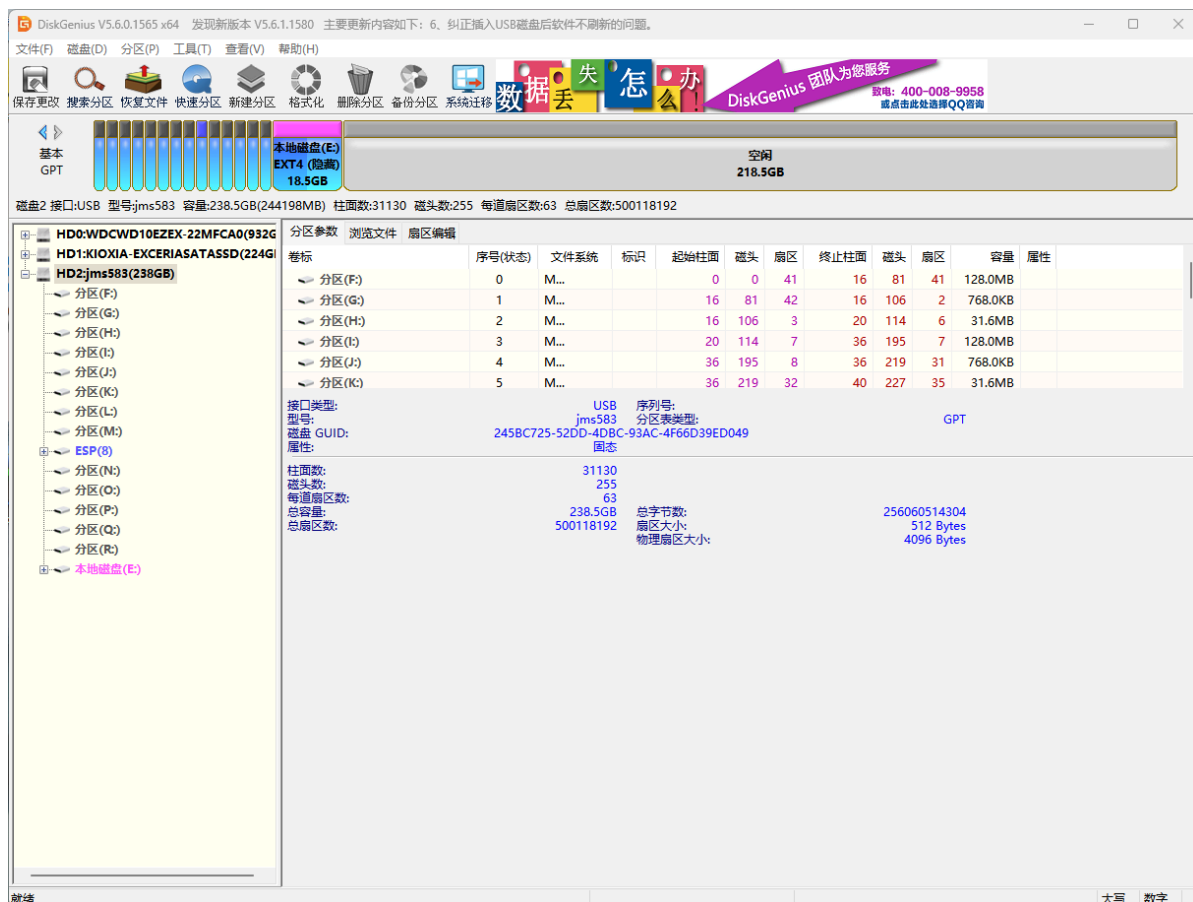
Before restoring the factory image, you need to format the SSD into exFAT format.

1.1. Download DiskGenius

Download URL: <https://www.diskgenius.cn/>



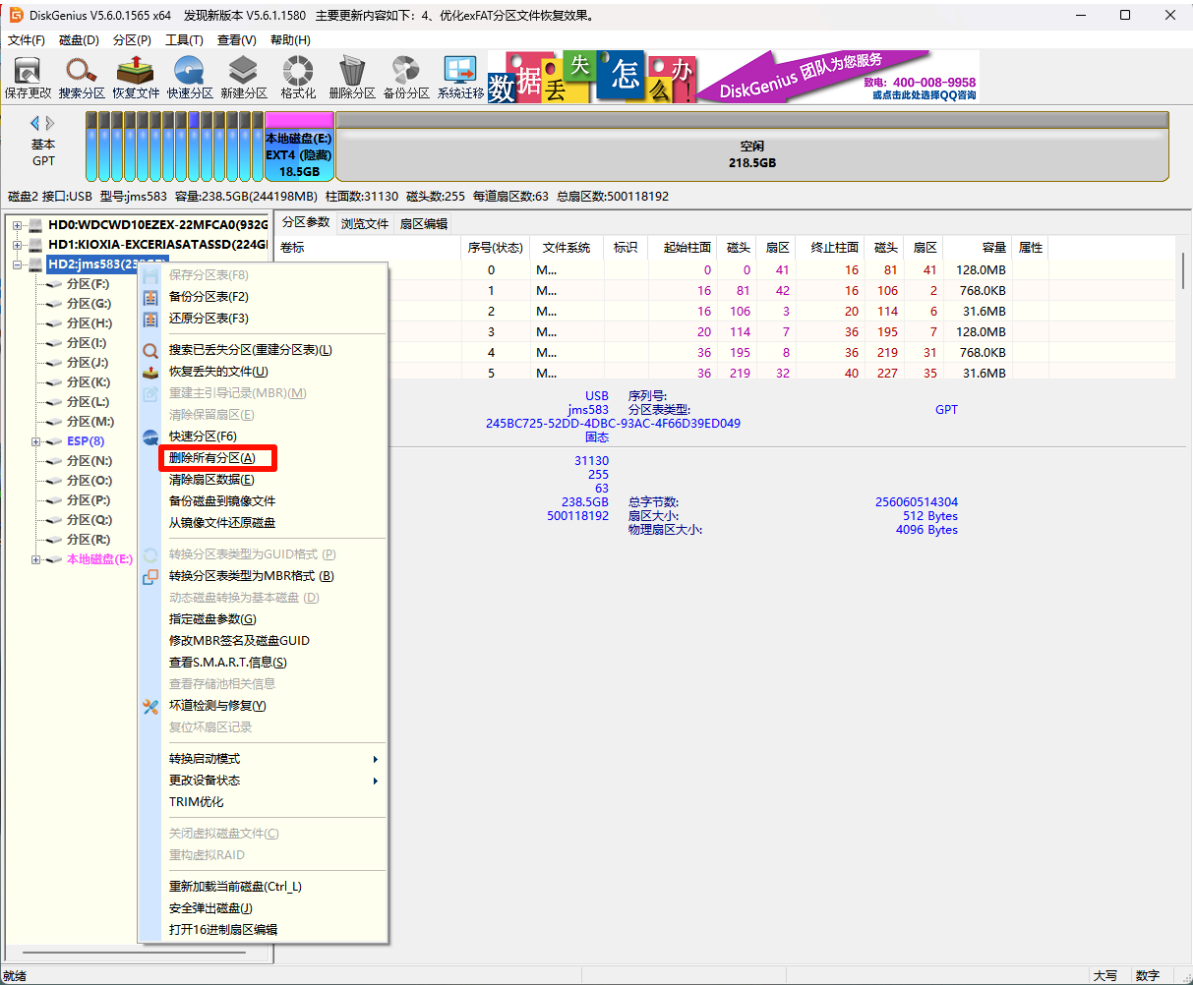
Unzip the downloaded compressed file to open `DiskGenius.exe` and use:

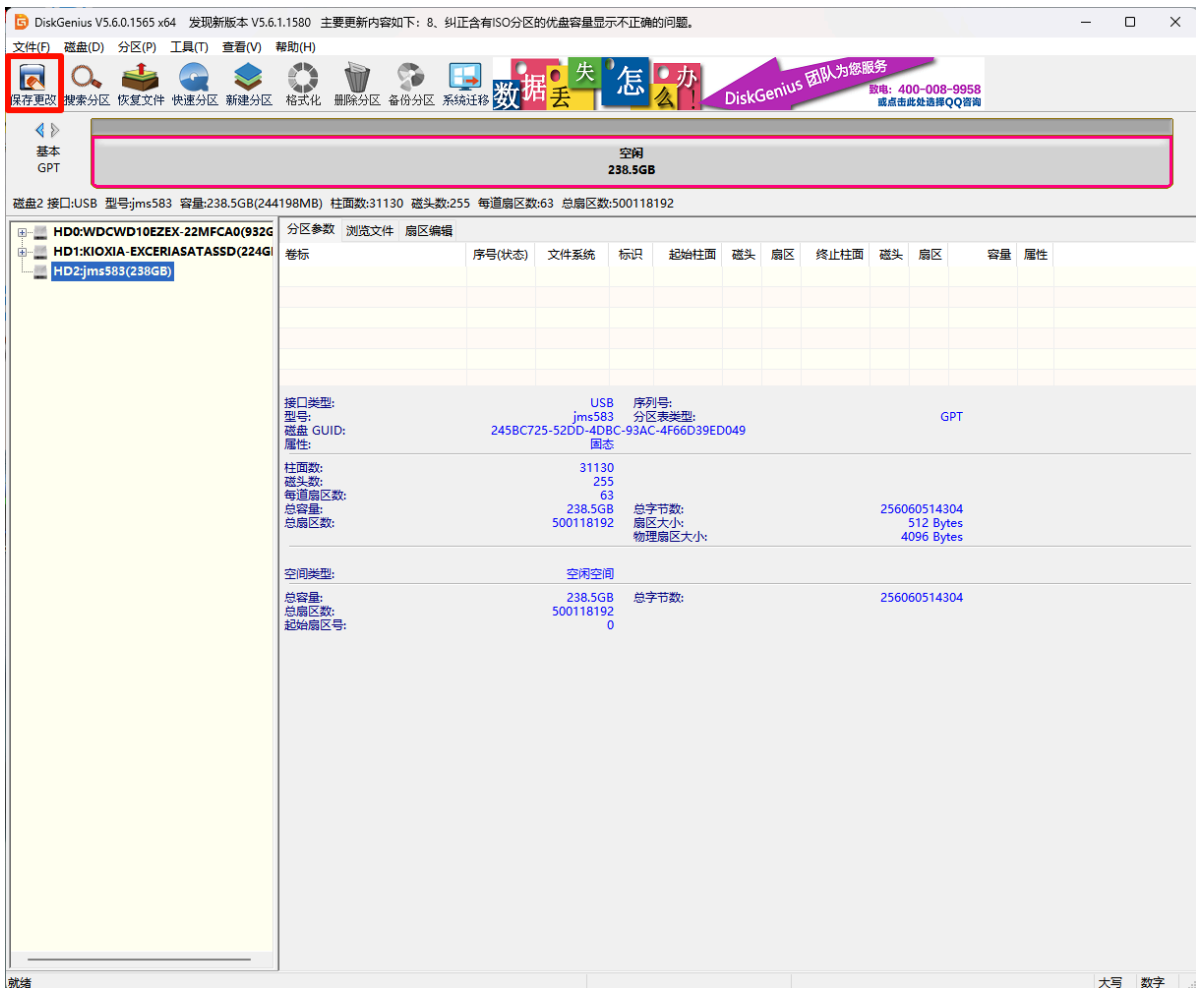
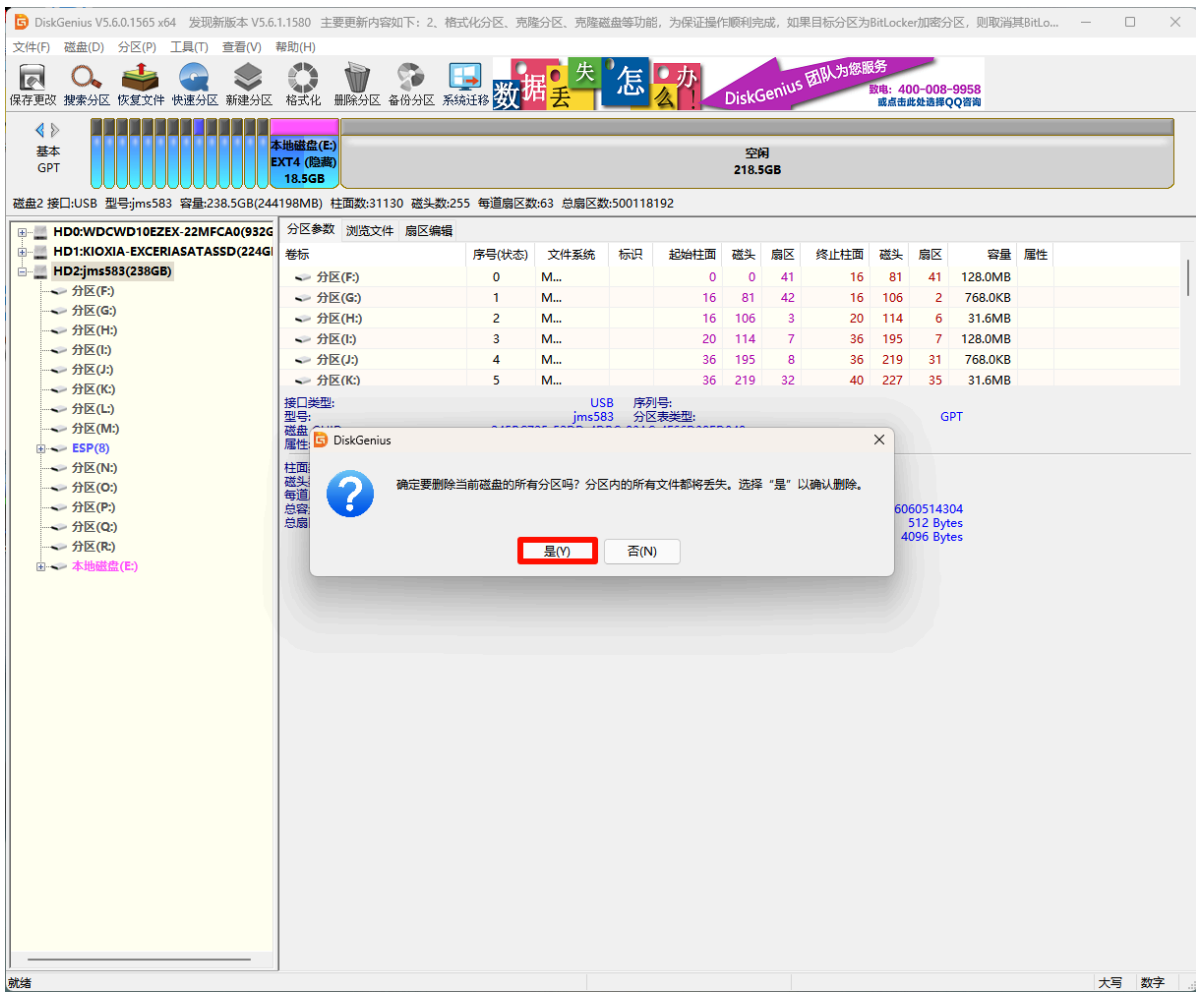


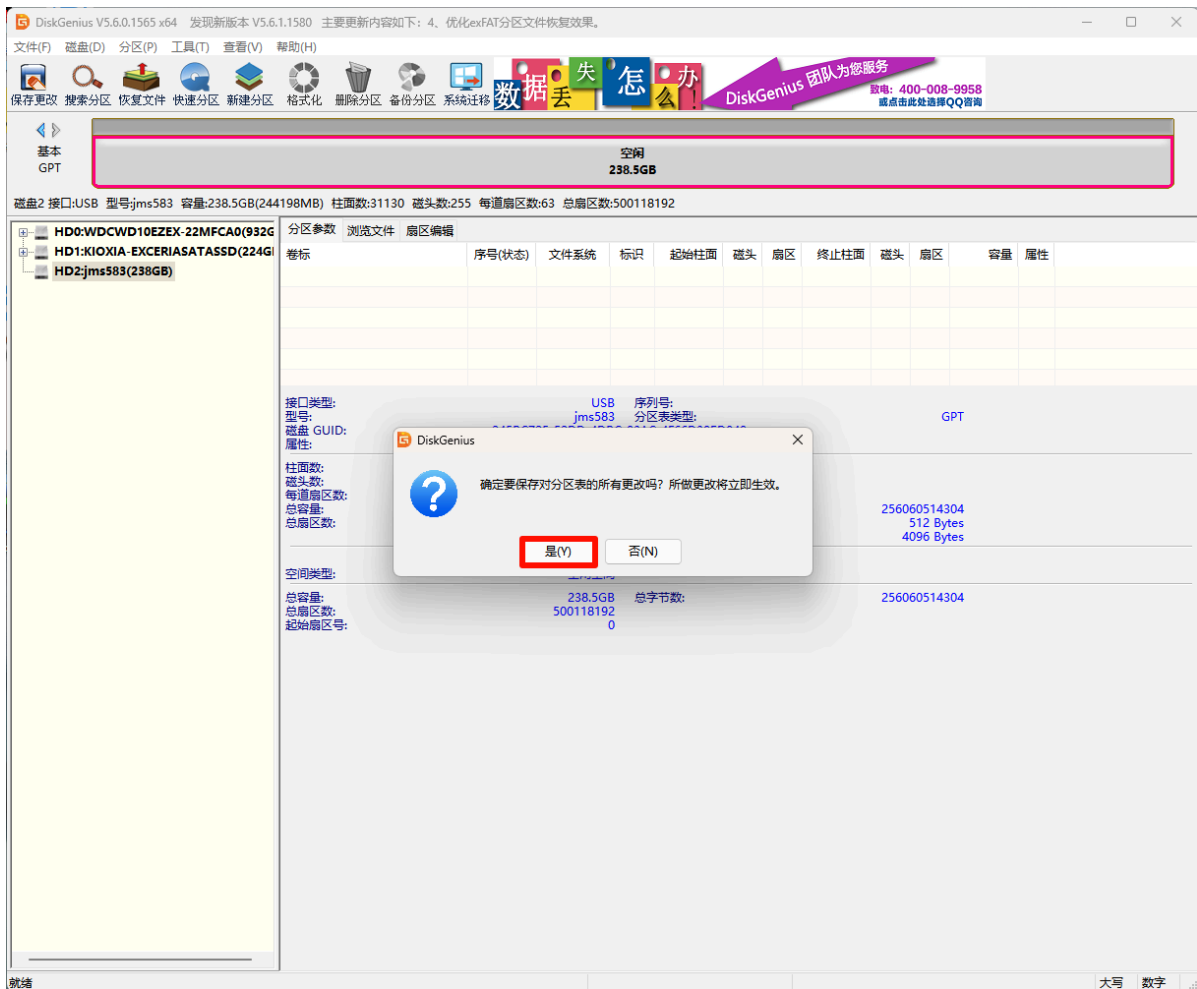
1.1. Use DiskGenius

1.1.1, Delete partition

Deleting a partition will clear the disk data. Please confirm that the drive letter is the disk that needs to be formatted before confirming the operation: you can judge based on the disk size and the newly added drive letter of the connected disk



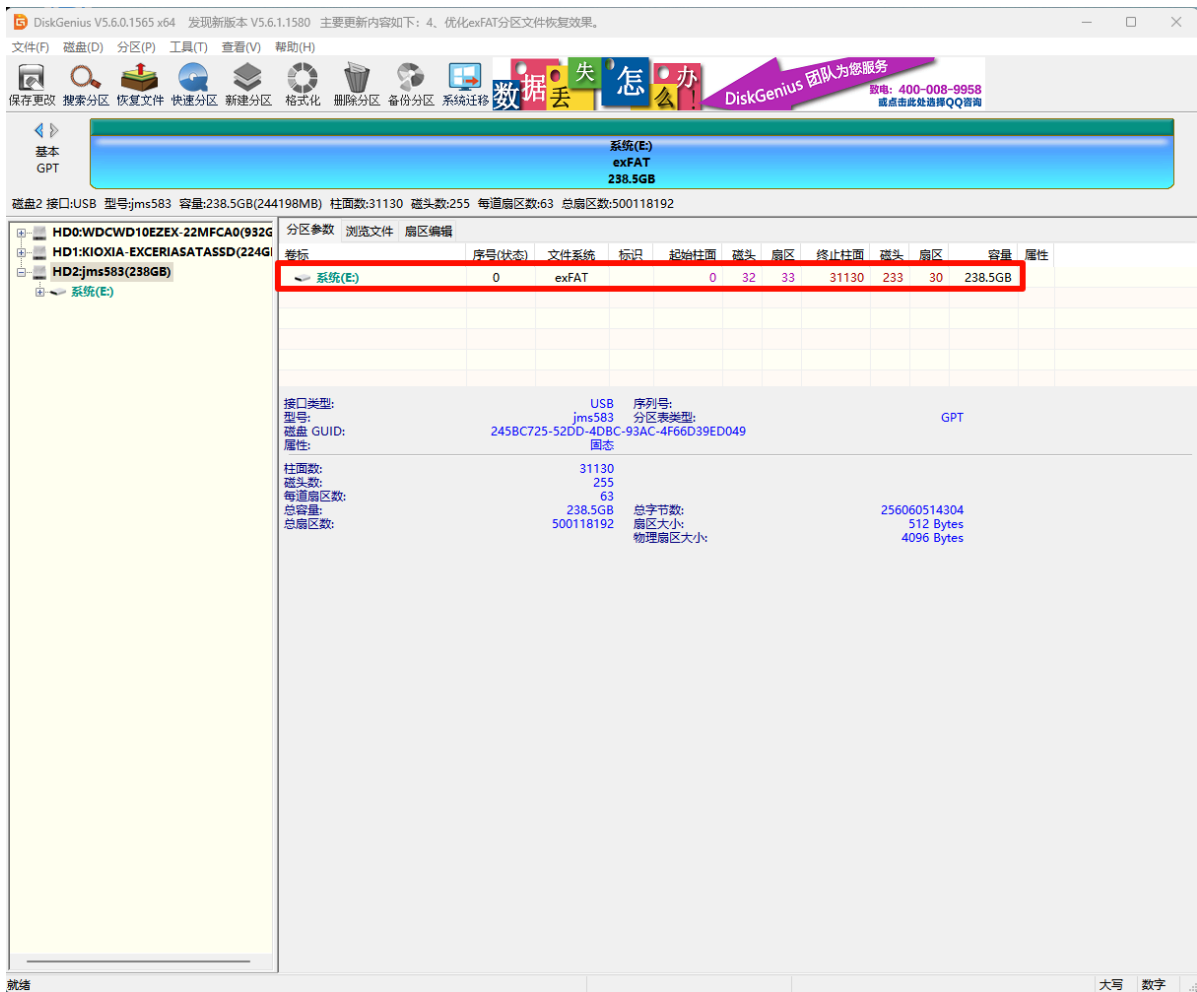




1.1.2. Create a new partition

Partition the SSD into exFAT format.

Select the drive letter corresponding to the SSD, and then click Quick Partition:

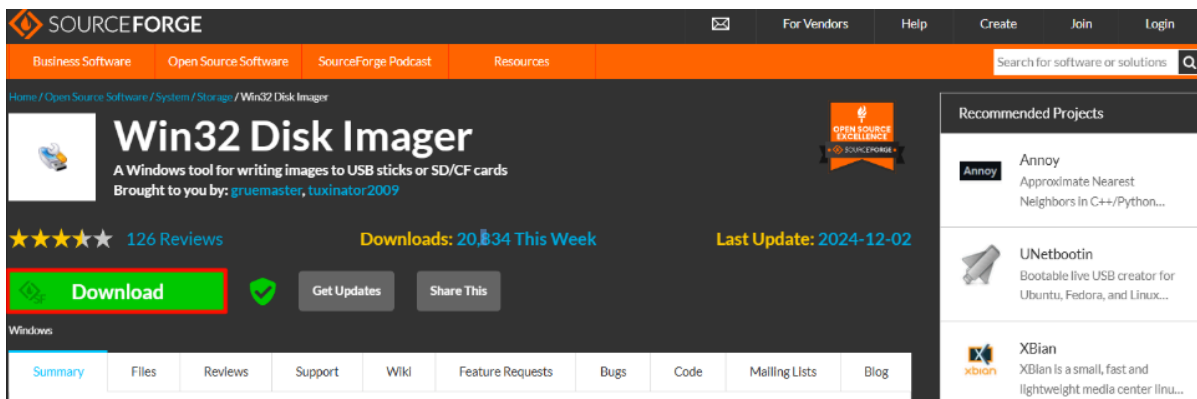


2. Restore the factory image

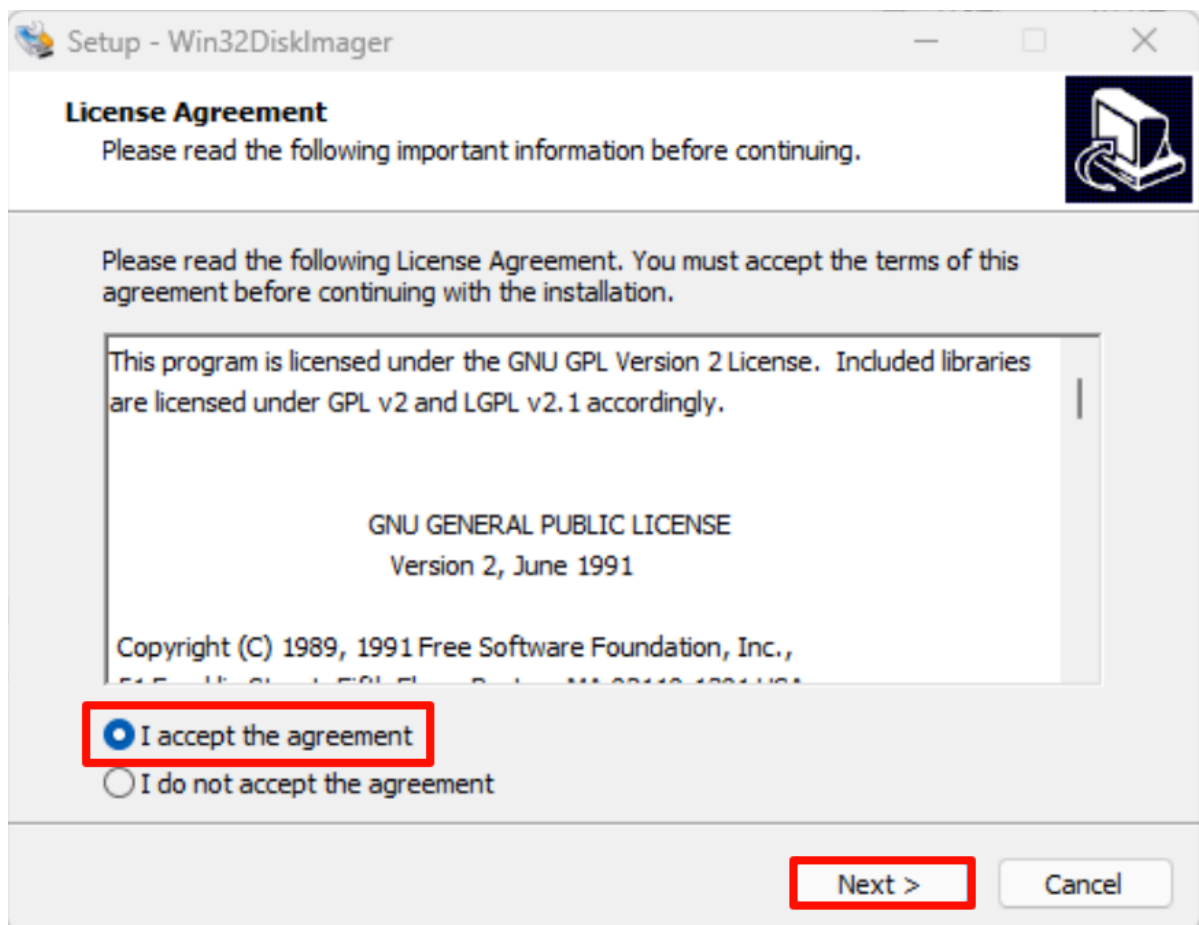
You need to download and decompress the factory image system in the data to your local computer in advance.

2.1. Install Win32DiskImager

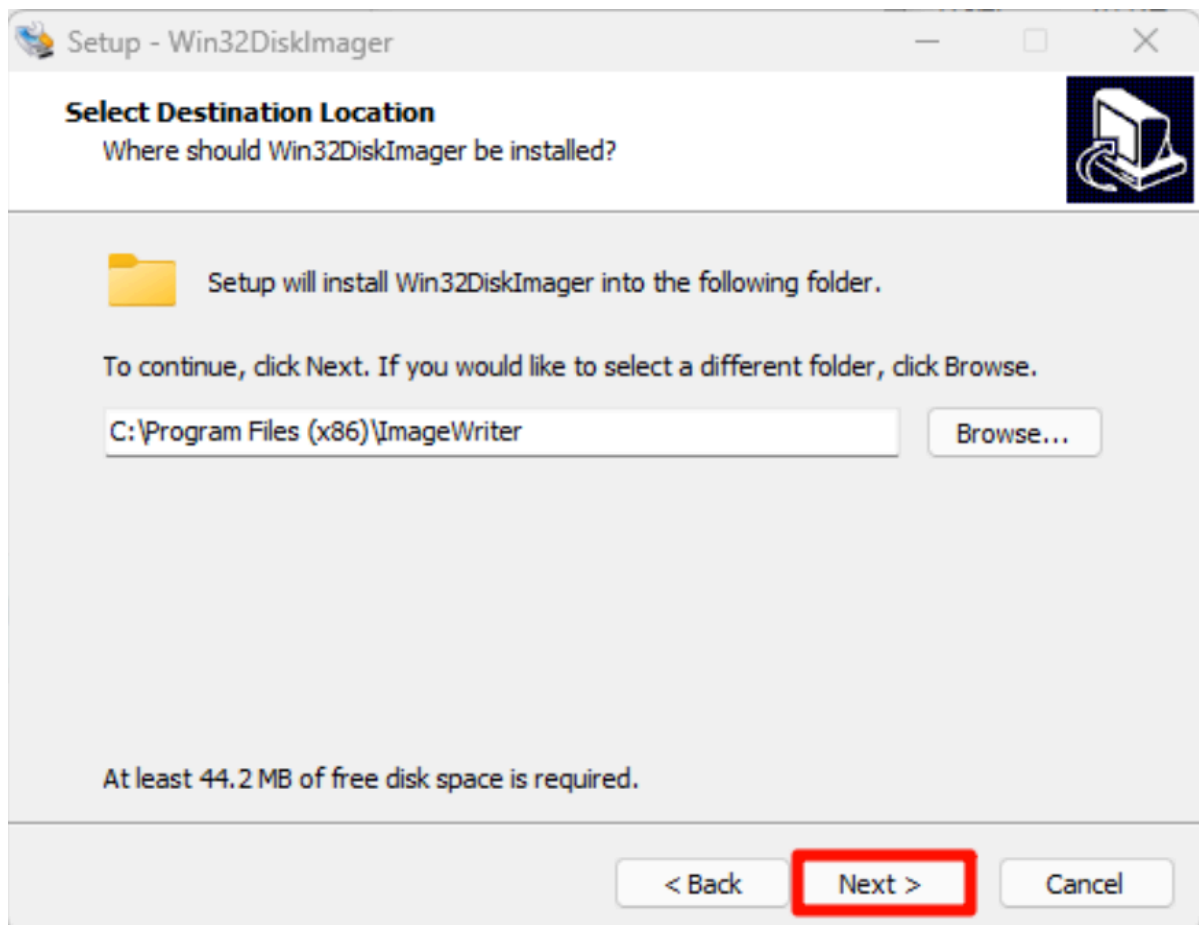
Download URL: <https://sourceforge.net/projects/win32diskimager/>



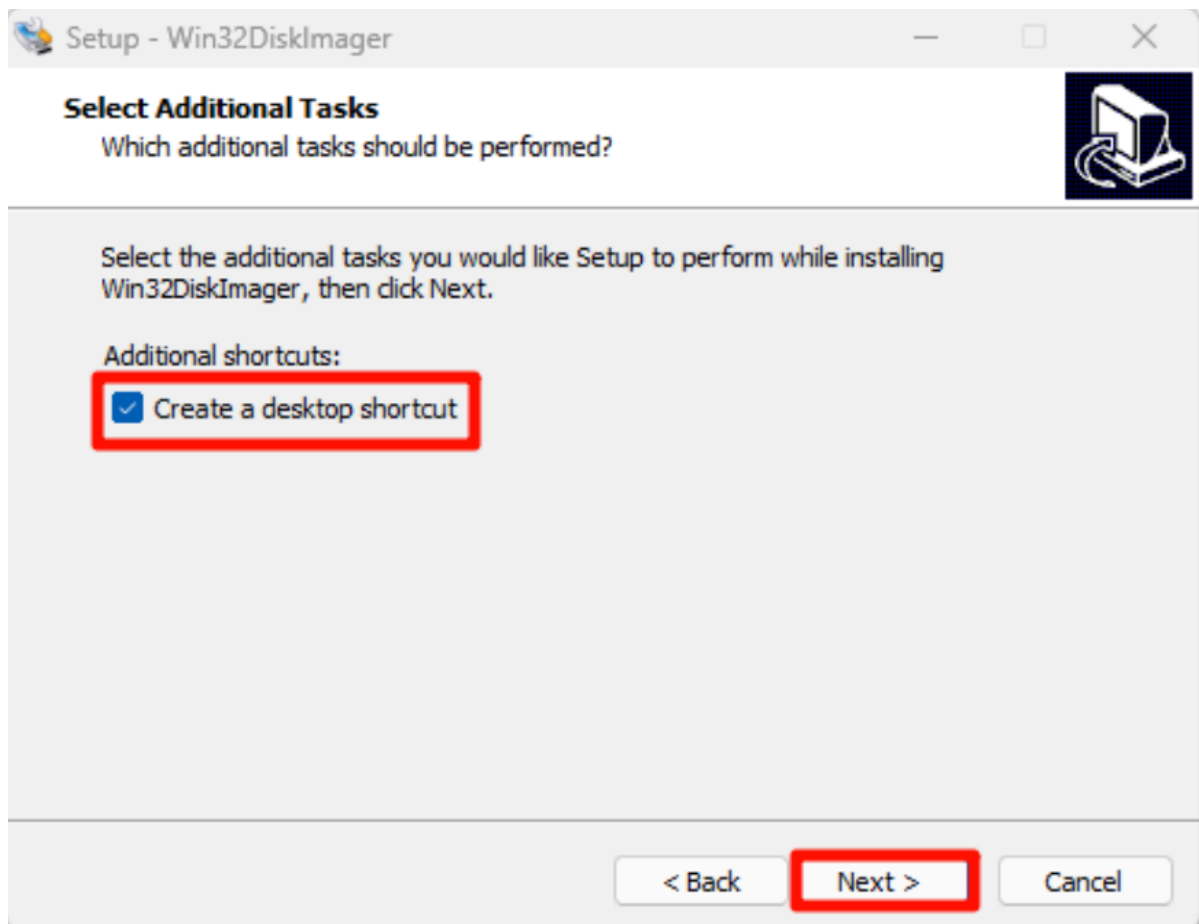
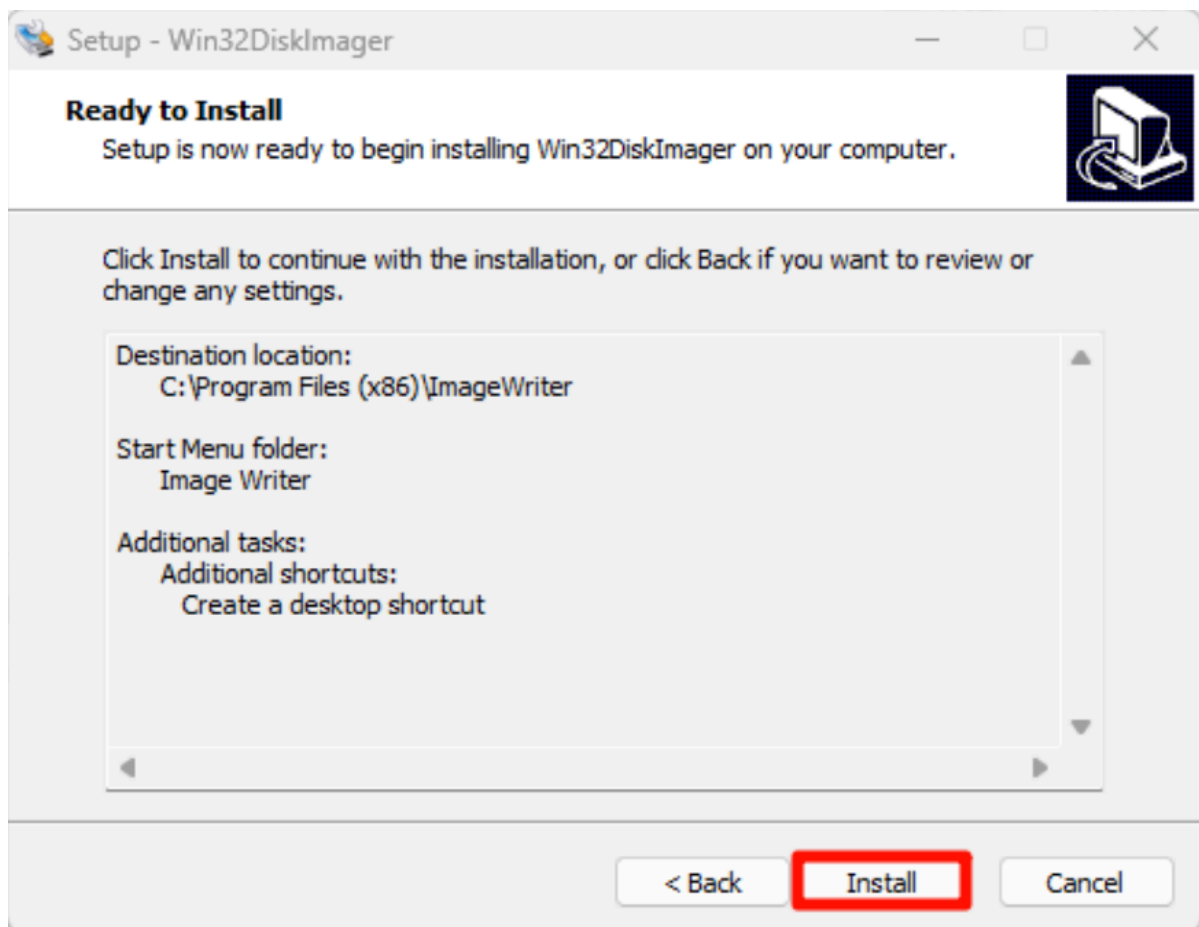
Open the `win32diskimager-1.0.0-install.exe` installation package as an administrator and accept the agreement:



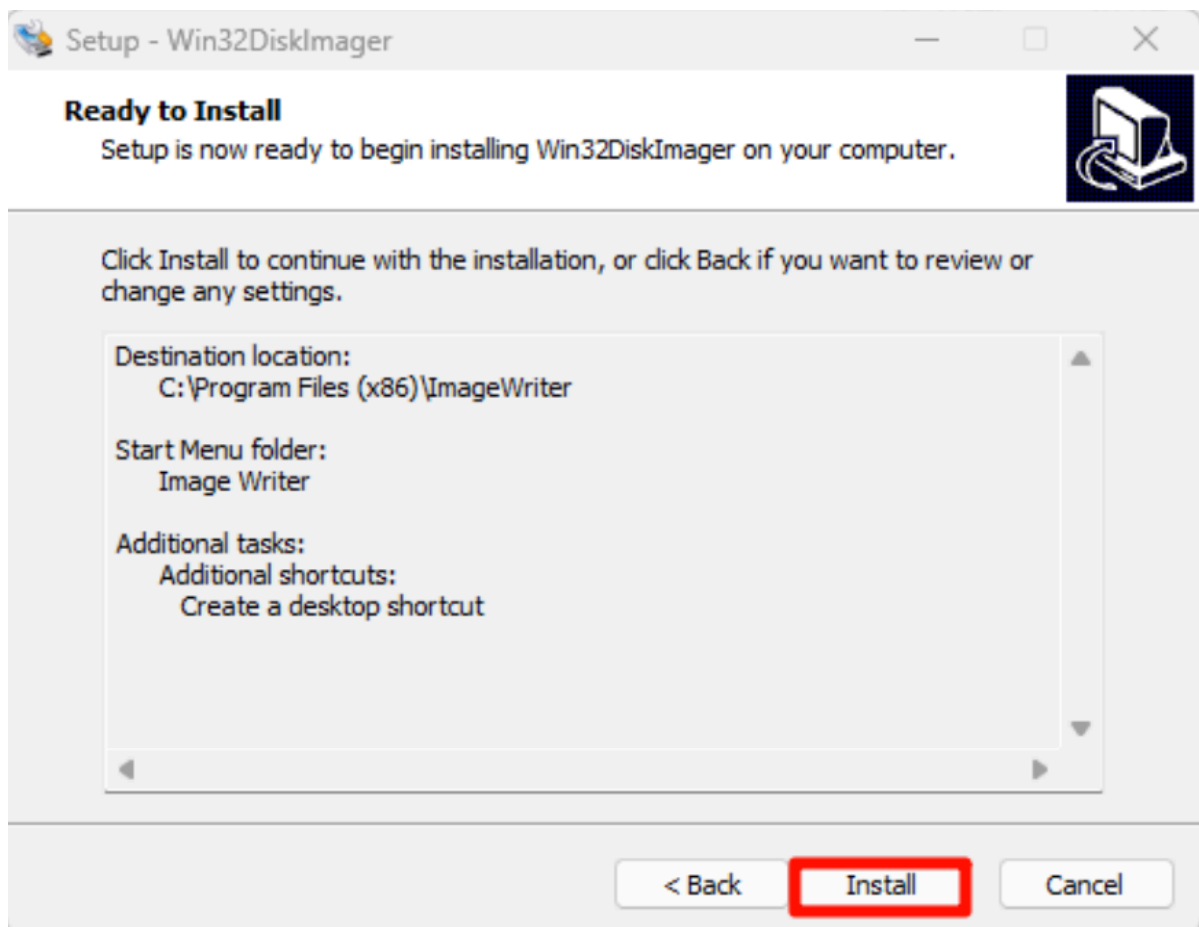
Installation location: The default location is recommended



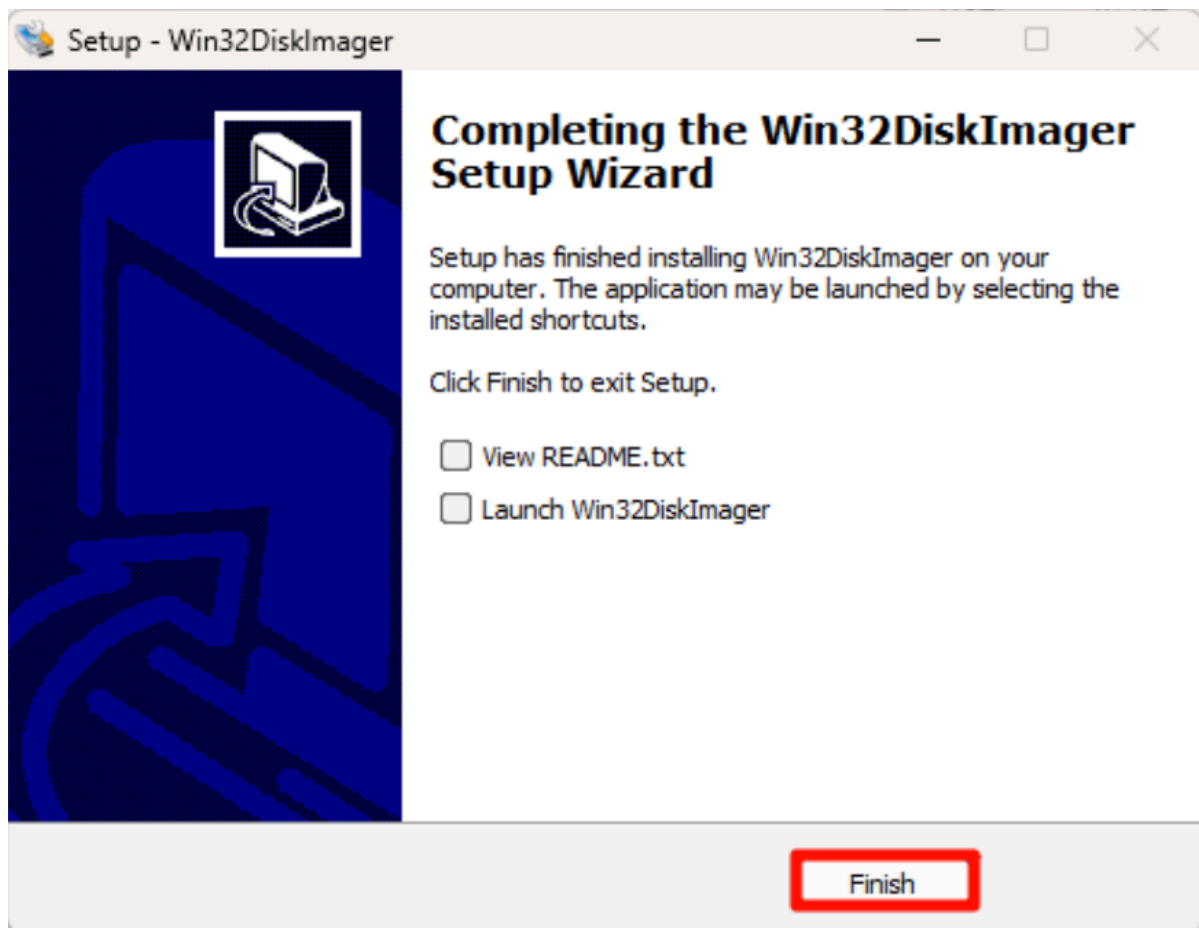
Installation options:



Start installation:



Complete installation:



2.2. Use Win32DiskImager

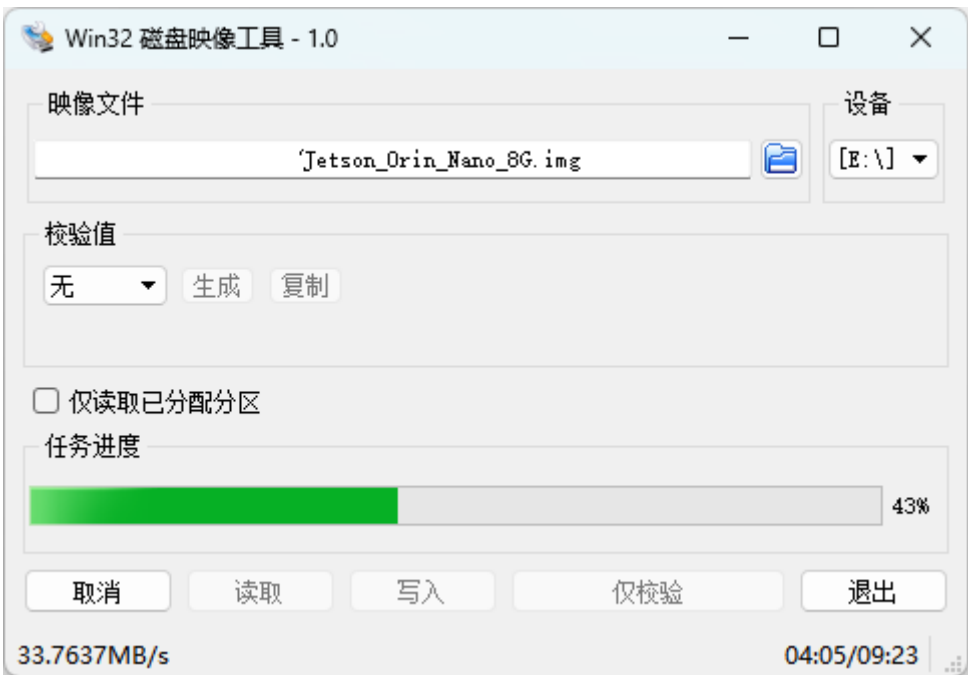
- ①: Select the factory image file (*.img) in the data
- ②: Select the drive letter corresponding to the solid-state drive
- ③: Write the factory image to the solid-state drive

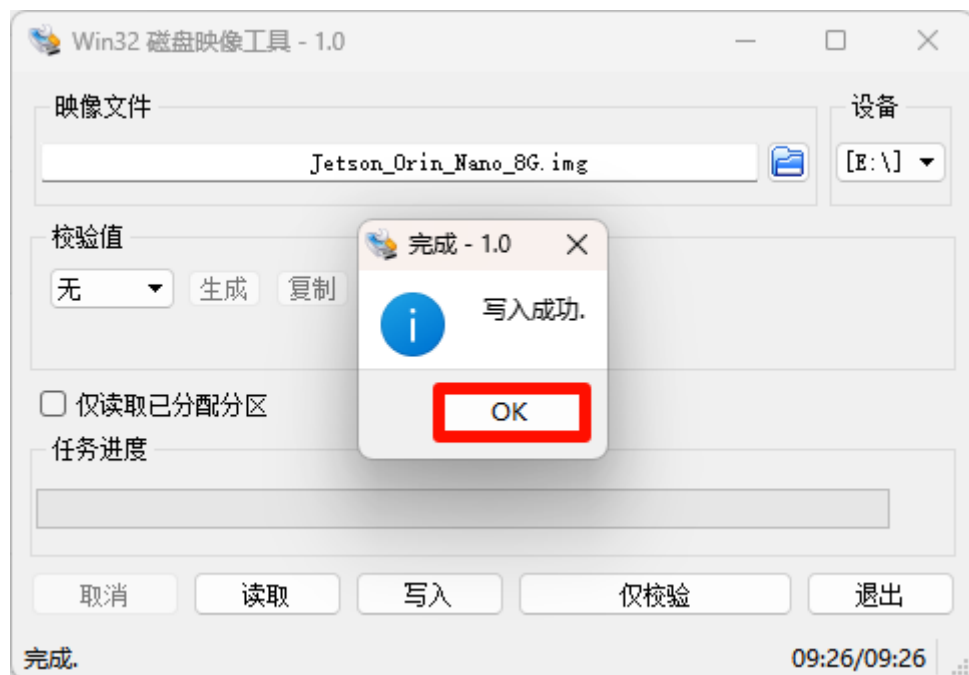


Confirm writing to the system:

image-20250110202018758

Wait for the system to be written successfully:





After the system is written, you can close the program and install the SSD to the Jetson Orin motherboard!

3. Description

The Jetson motherboard can start the system normally and it depends on the system Jetpack version. Generally, only the same version can start the system!