

Orin write system

The solid-state hard drive sent with the product package comes with an image.

Unless it is a special case, it is not necessary to follow this tutorial to burn the image. If you need to burn the image, you need to prepare an additional solid-state box. The product package does not include a solid-state box. You can buy a USB3.1 interface to M.2 solid-state SSD conversion Type-C metal external mobile hard disk box.

Steps are as follows:

1. First remove the nvme (solid state drive) from the jetson orin Nano or jetson orin NX, and you need to unscrew the screws.



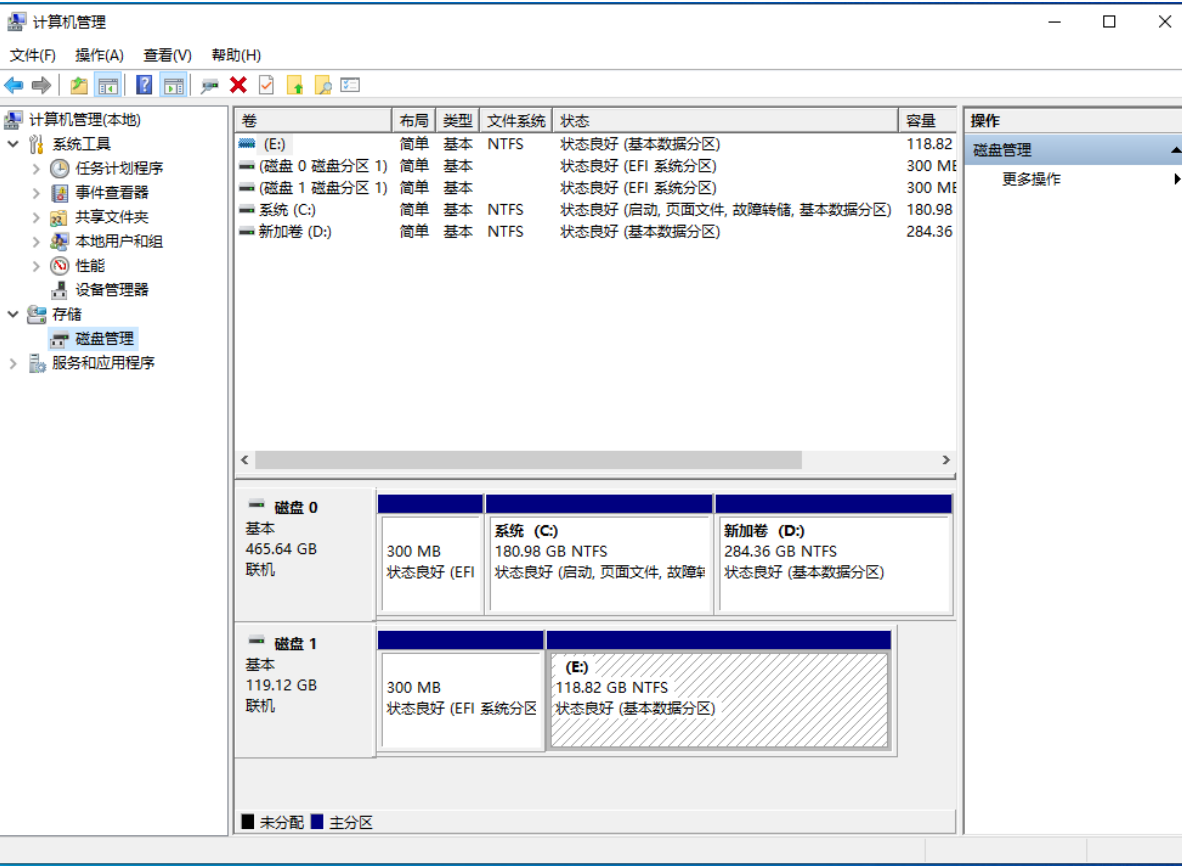
Insert the SSD box.



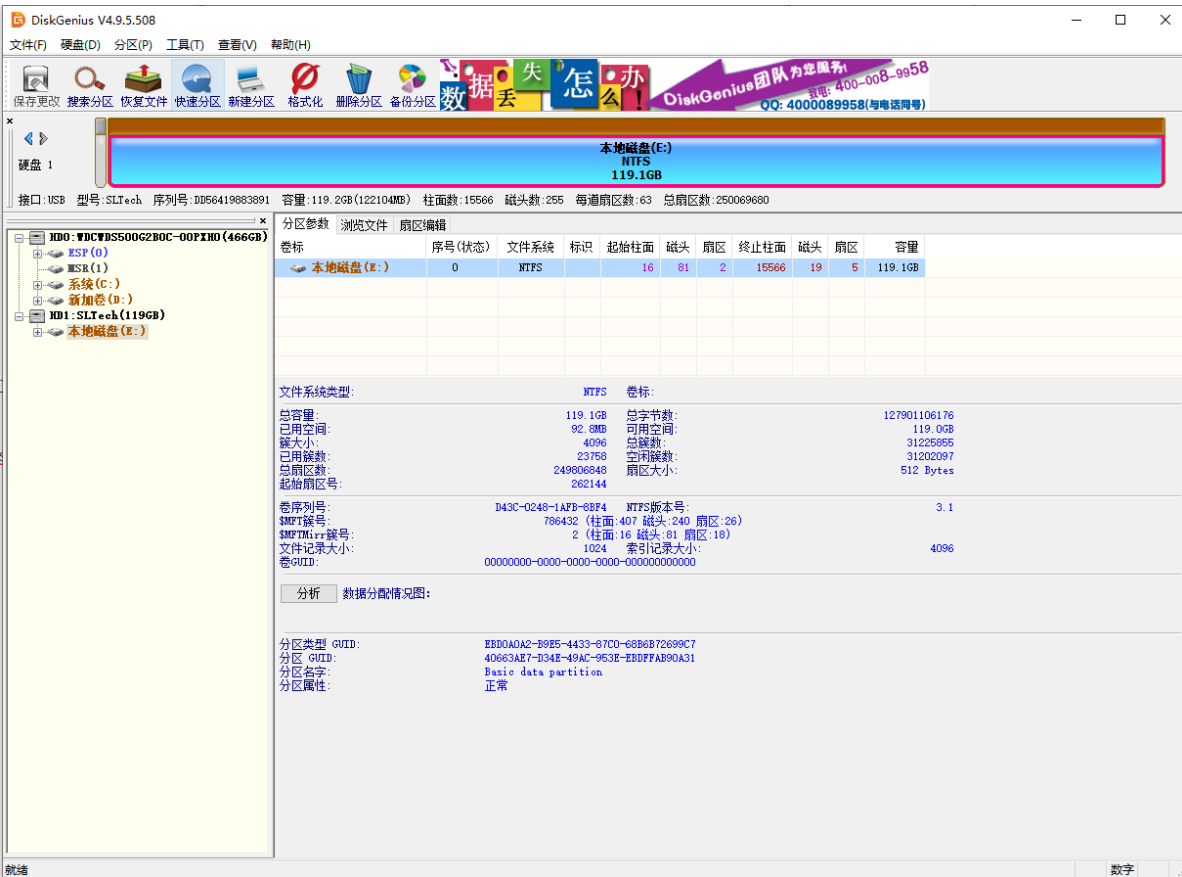
The SSD box is connected to the computer via USB. If there is nothing in nvme, you can skip formatting and go to step 5.

If there is something in nvme, please format it first, use the tool DiskGenius.exe to format the nvme system, or use the disk management tool in the computer to format it.

Note: Make sure to choose the right *nvme* drive, don't choose the wrong drive letter



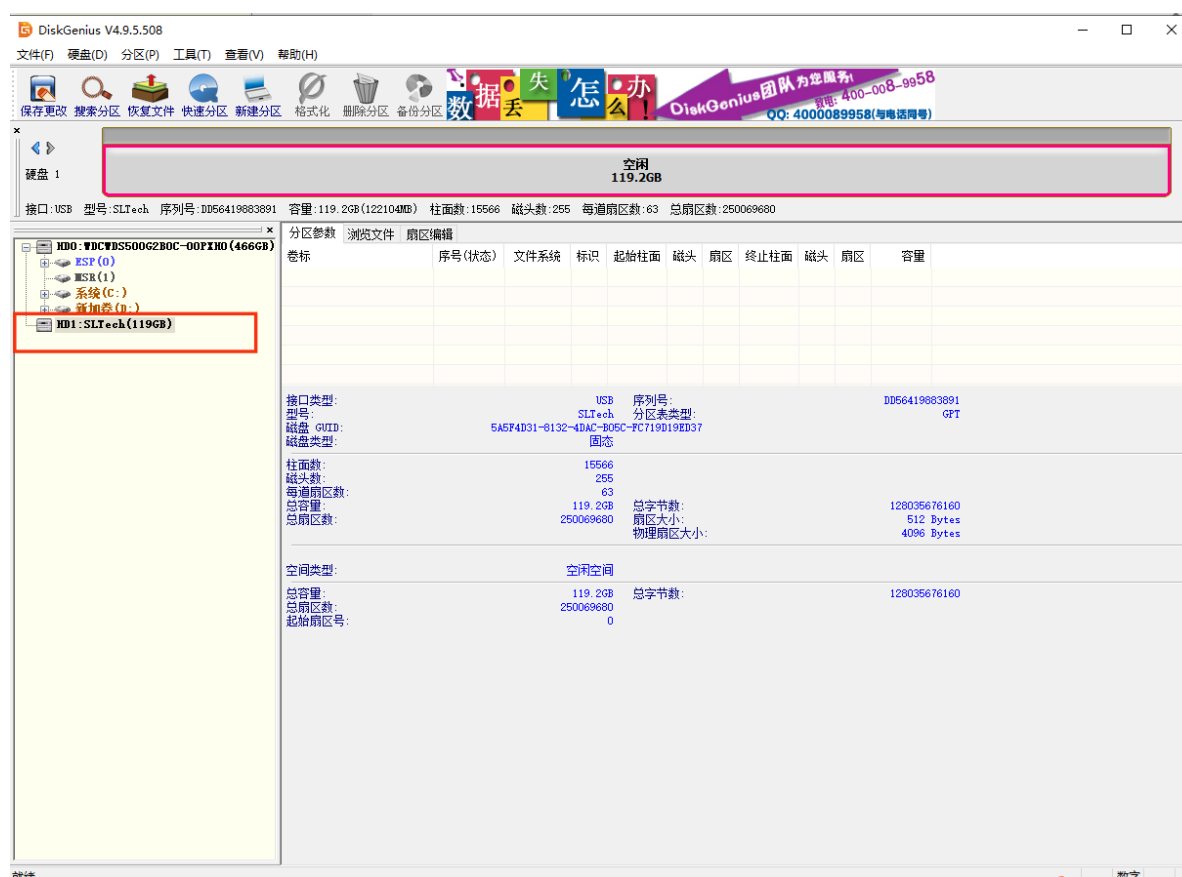
or use tools



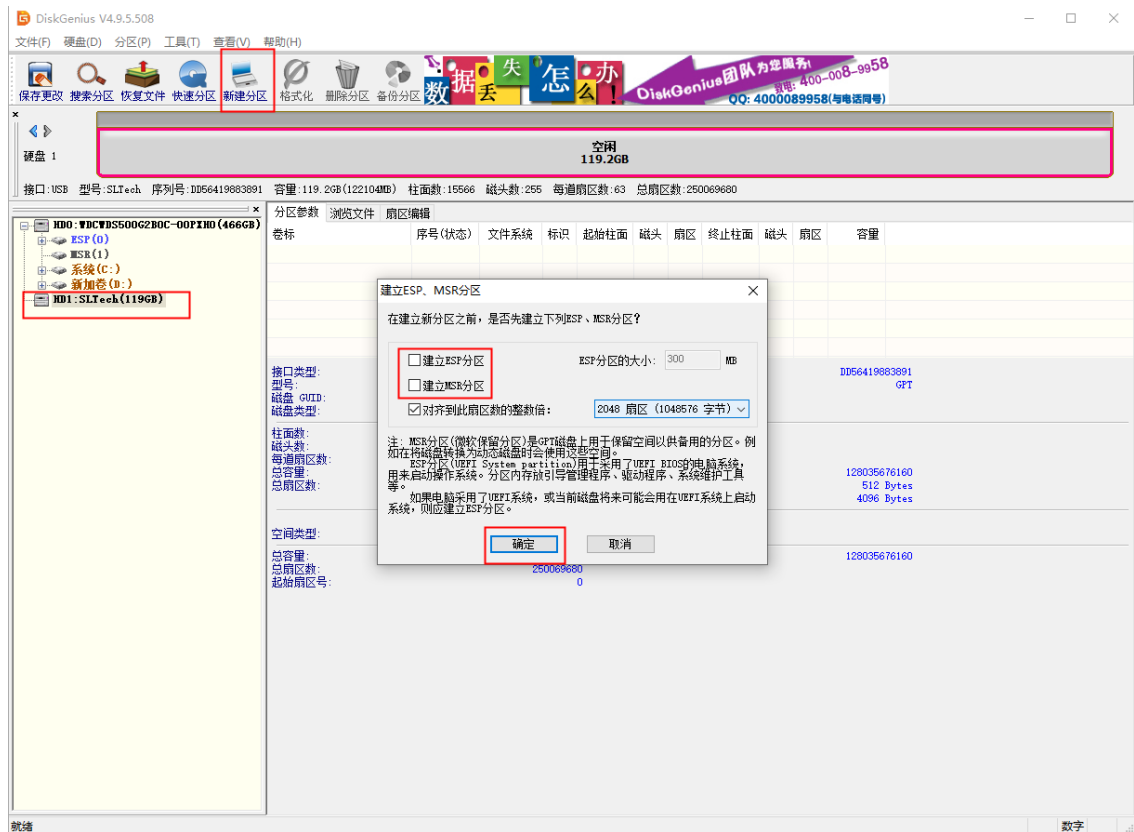
Use the DiskGenius.exe tool to delete all redundant partitions on nvme,



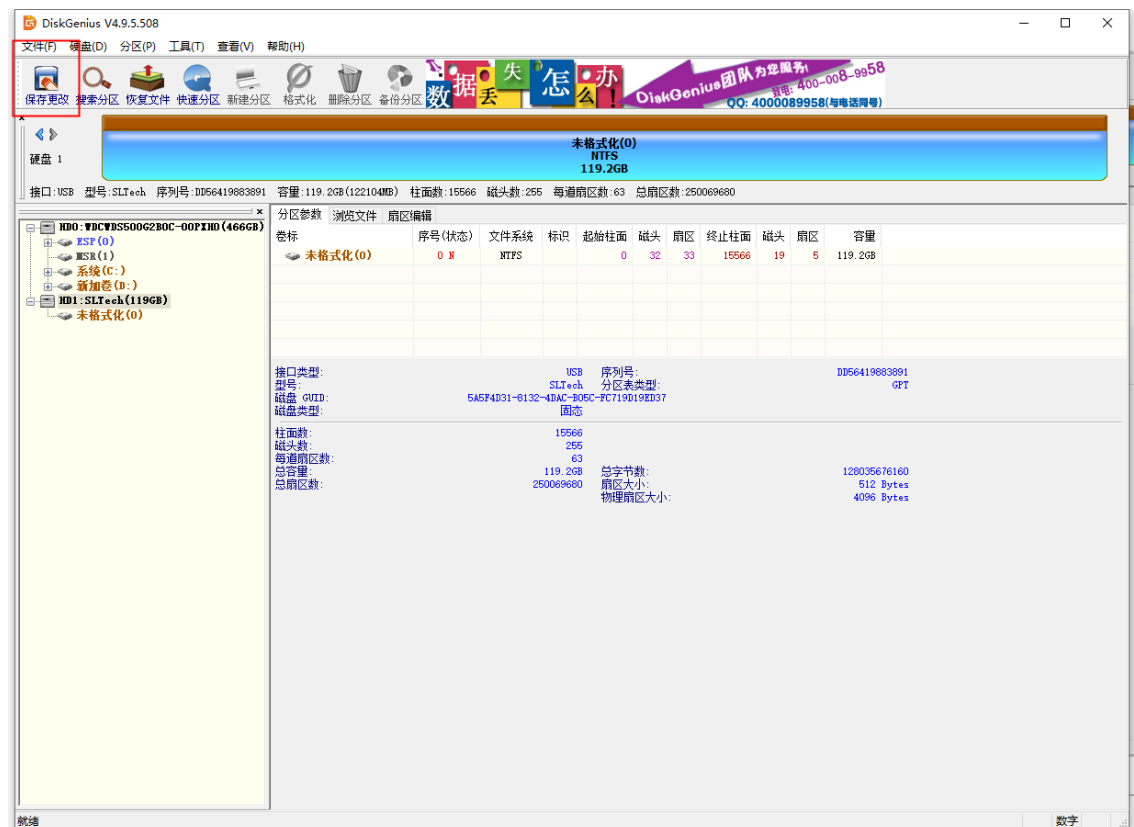
After successful deletion



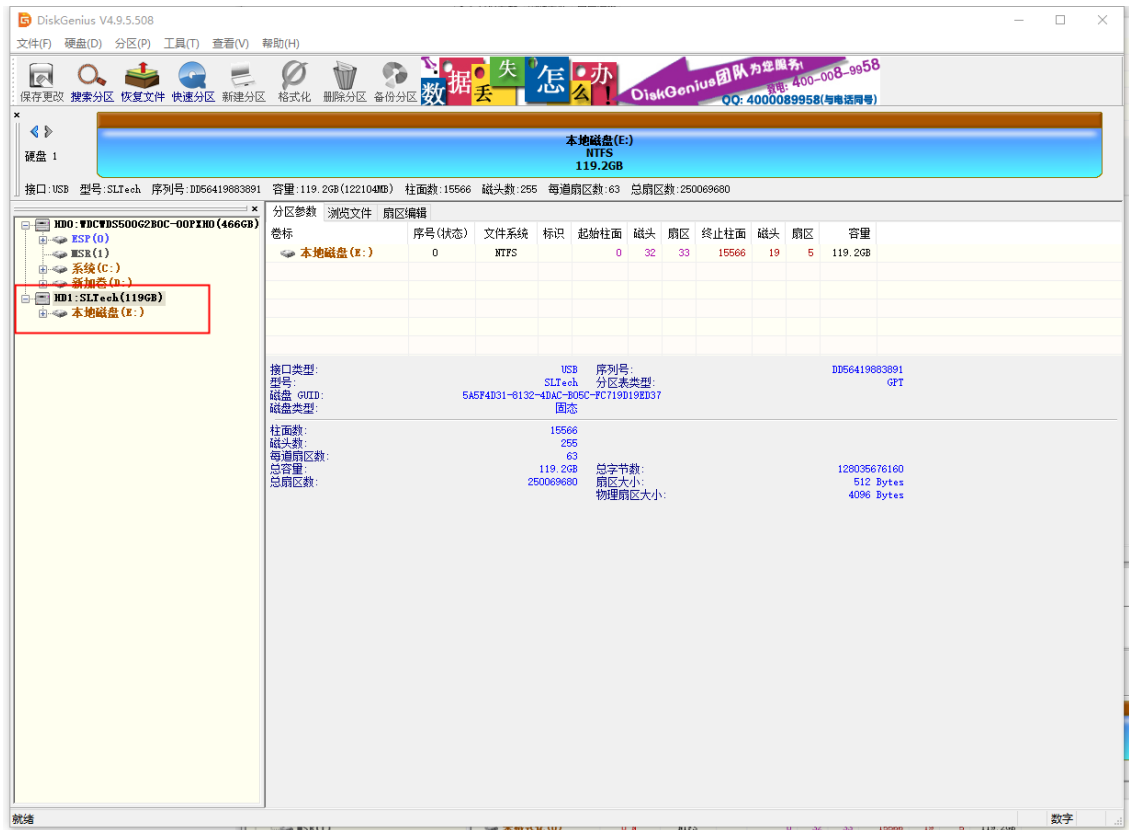
3. If the SSD is formatted without partitioning and the burning tool cannot read the drive letter, a partitioning tool is required for partitioning. Create a new partition so that the computer can correctly identify it.



Click OK when there is a pop-up message, and then click Save Changes, as shown in the figure below.



After success, you can see the following information.



4. Open the Win32DiskImager tool.



5. Already partitioned, select the image, select the drive letter, and click write/write, as shown in the figure.



6. Wait for the image writing to be completed, insert the nvme back into the jetson orin Nano or jetson orin NX, and after a period of power on, it can be turned on successfully.

