

SSD expansion

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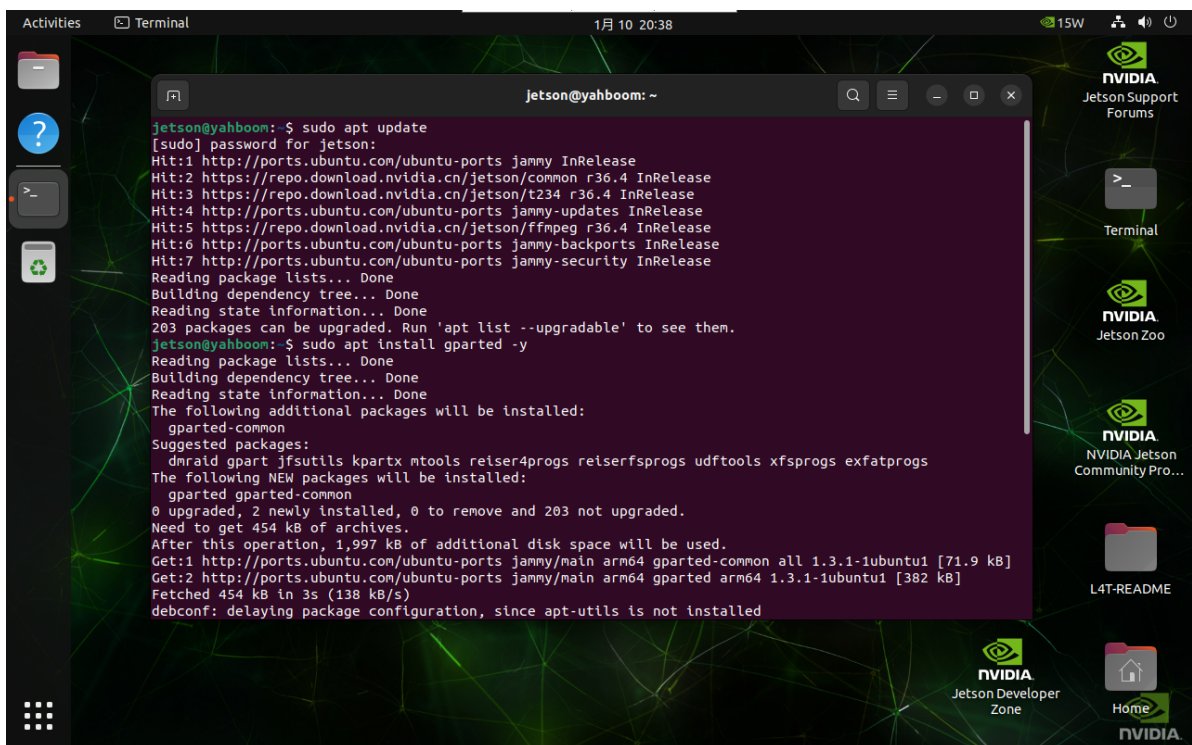
1. Install GParted
2. Use GParted
3. Adjust partitions

The factory image system will perform disk compression, so the capacity displayed in the system will be inconsistent with the actual capacity. Users can follow the tutorial to expand the SSD.

The tutorial is located in the Jetson Orin motherboard system

1. Install GParted

```
sudo apt update
sudo apt install gparted -y
```

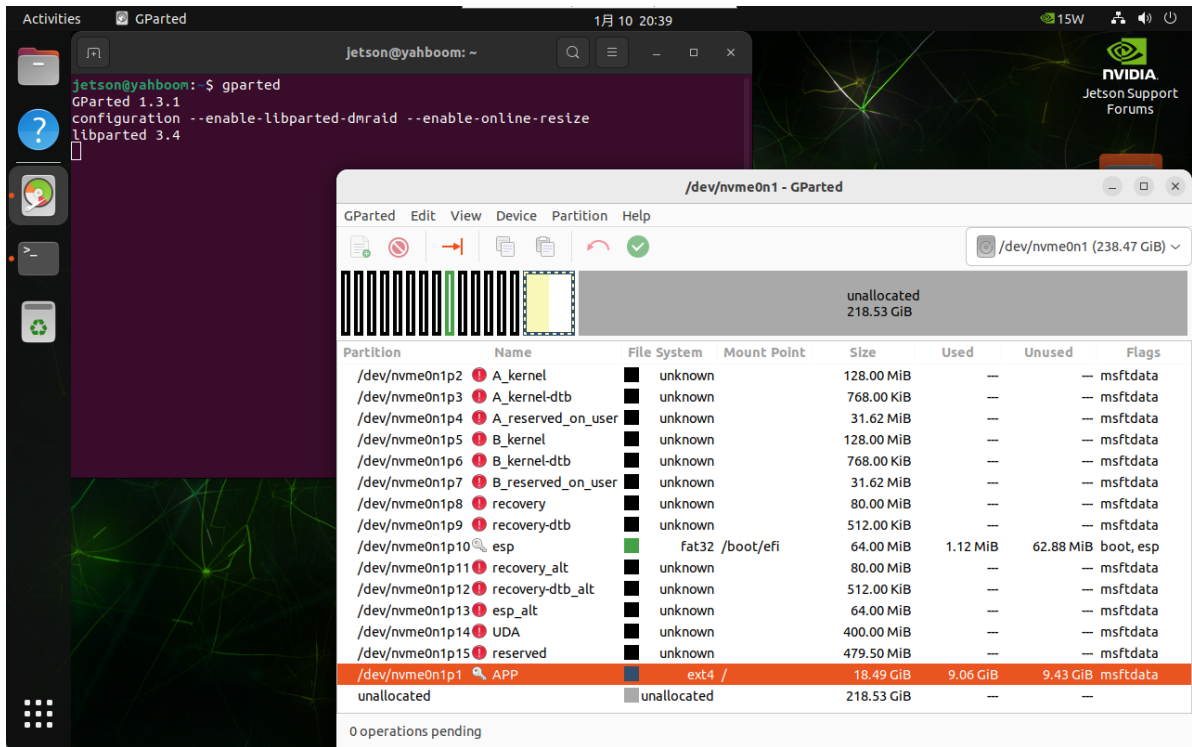
A screenshot of a terminal window on a Jetson Orin motherboard system. The terminal shows the execution of two commands: 'sudo apt update' and 'sudo apt install gparted -y'. The output of the first command shows several package updates available. The output of the second command shows that GParted and its common dependencies will be installed, along with suggested packages like dmraid, gpart, jfsutils, kpartx, mtools, reiser4progs, reiserfsprogs, udftools, xfsprogs, and exfatprogs. The terminal also displays the disk space requirements for the installation.

```
jetson@yahboom: ~  
jetson@yahboom:~$ sudo apt update  
[sudo] password for jetson:  
Hit:1 http://ports.ubuntu.com/ubuntu-ports jammy InRelease  
Hit:2 https://repo.download.nvidia.cn/jetson/common r36.4 InRelease  
Hit:3 https://repo.download.nvidia.cn/jetson/t234 r36.4 InRelease  
Hit:4 http://ports.ubuntu.com/ubuntu-ports jammy-updates InRelease  
Hit:5 https://repo.download.nvidia.cn/jetson/ffmpeg r36.4 InRelease  
Hit:6 http://ports.ubuntu.com/ubuntu-ports jammy-backports InRelease  
Hit:7 http://ports.ubuntu.com/ubuntu-ports jammy-security InRelease  
Reading package lists... Done  
Building dependency tree... Done  
Reading state information... Done  
203 packages can be upgraded. Run 'apt list --upgradable' to see them.  
jetson@yahboom:~$ sudo apt install gparted -y  
Reading package lists... Done  
Building dependency tree... Done  
Reading state information... Done  
The following additional packages will be installed:  
  gparted-common  
Suggested packages:  
  dmraid gpart jfsutils kpartx mtools reiser4progs reiserfsprogs udftools xfsprogs exfatprogs  
The following NEW packages will be installed:  
  gparted gparted-common  
0 upgraded, 2 newly installed, 0 to remove and 203 not upgraded.  
Need to get 454 kB of archives.  
After this operation, 1,997 kB of additional disk space will be used.  
Get:1 http://ports.ubuntu.com/ubuntu-ports jammy/main arm64 gparted-common all 1.3.1-1ubuntu1 [71.9 kB]  
Get:2 http://ports.ubuntu.com/ubuntu-ports jammy/main arm64 gparted arm64 1.3.1-1ubuntu1 [382 kB]  
Fetched 454 kB in 3s (138 kB/s)  
debconf: delaying package configuration, since apt-utils is not installed
```

2. Use GParted

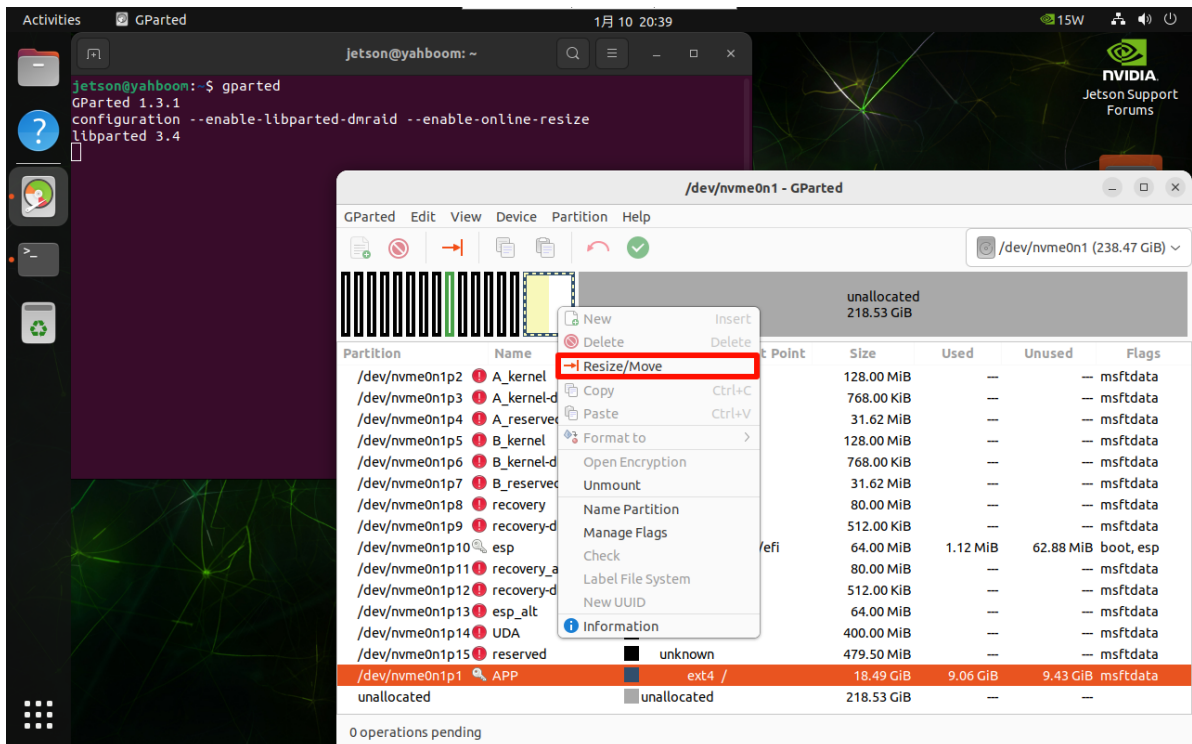
Find the **GParted** application icon in the system application menu bar to open it or enter the following command in the terminal to start it:

```
gparted
```

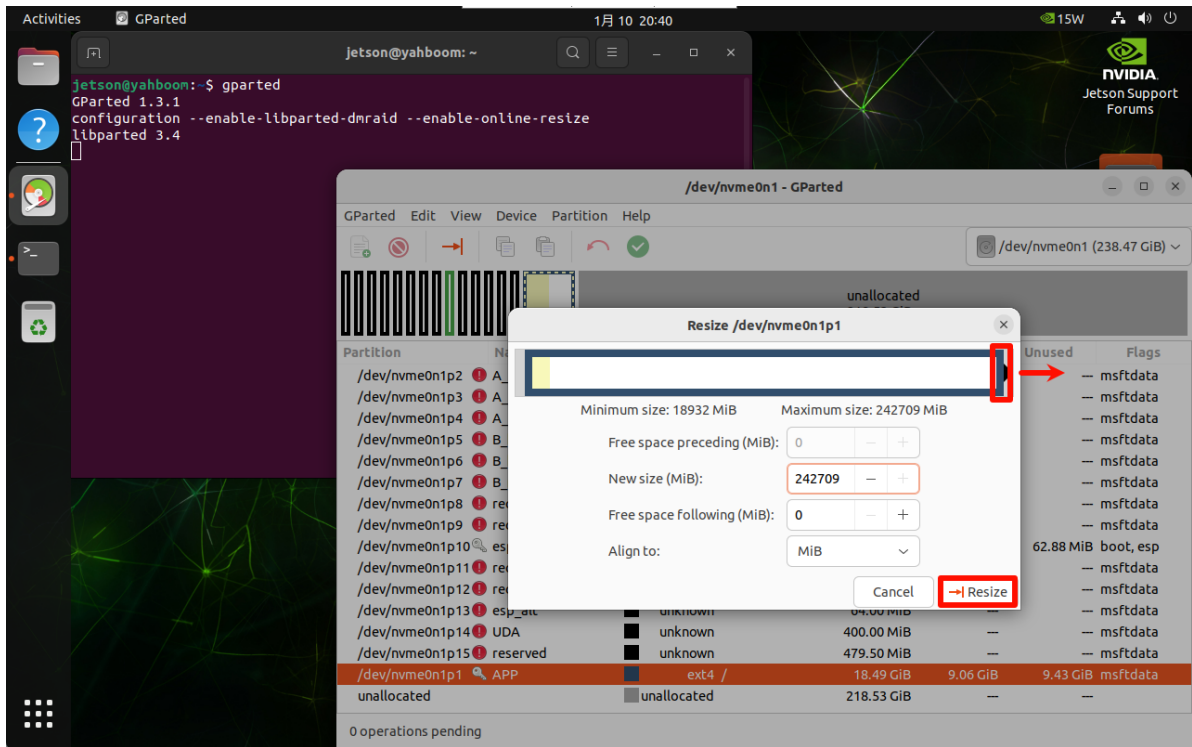


3. Adjust partitions

Right-click the disk partition that needs to be expanded: generally select the largest partition in the disk

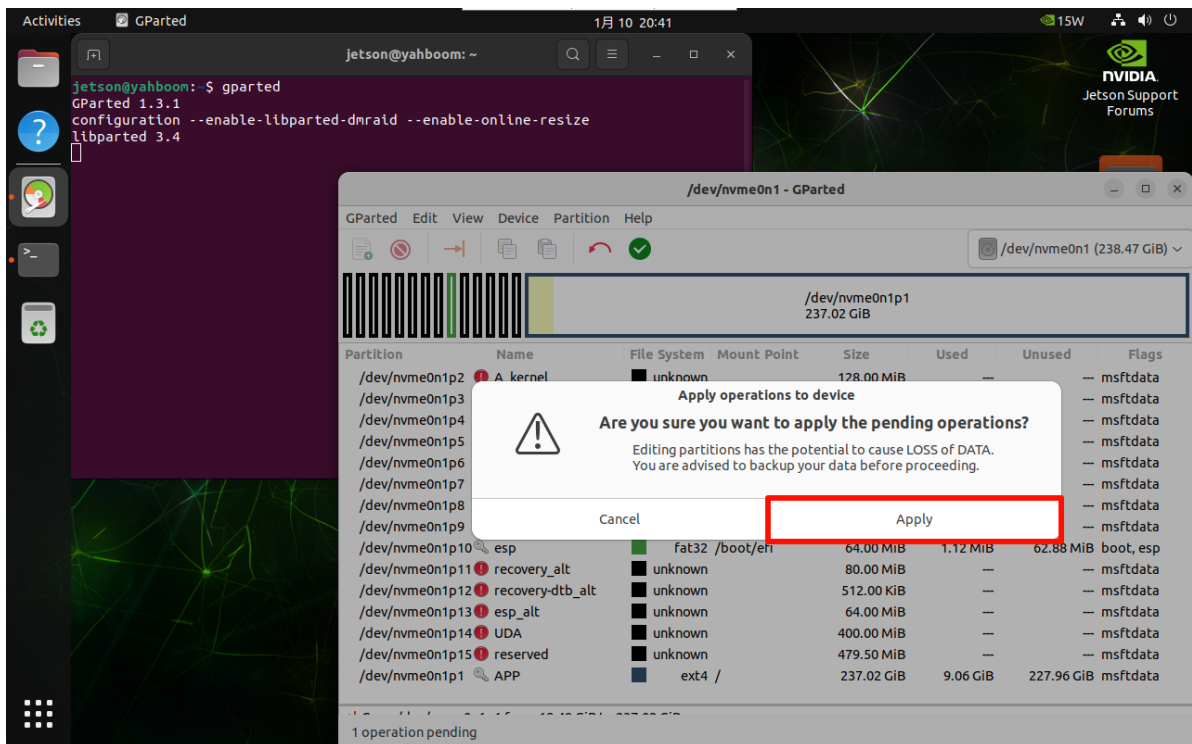


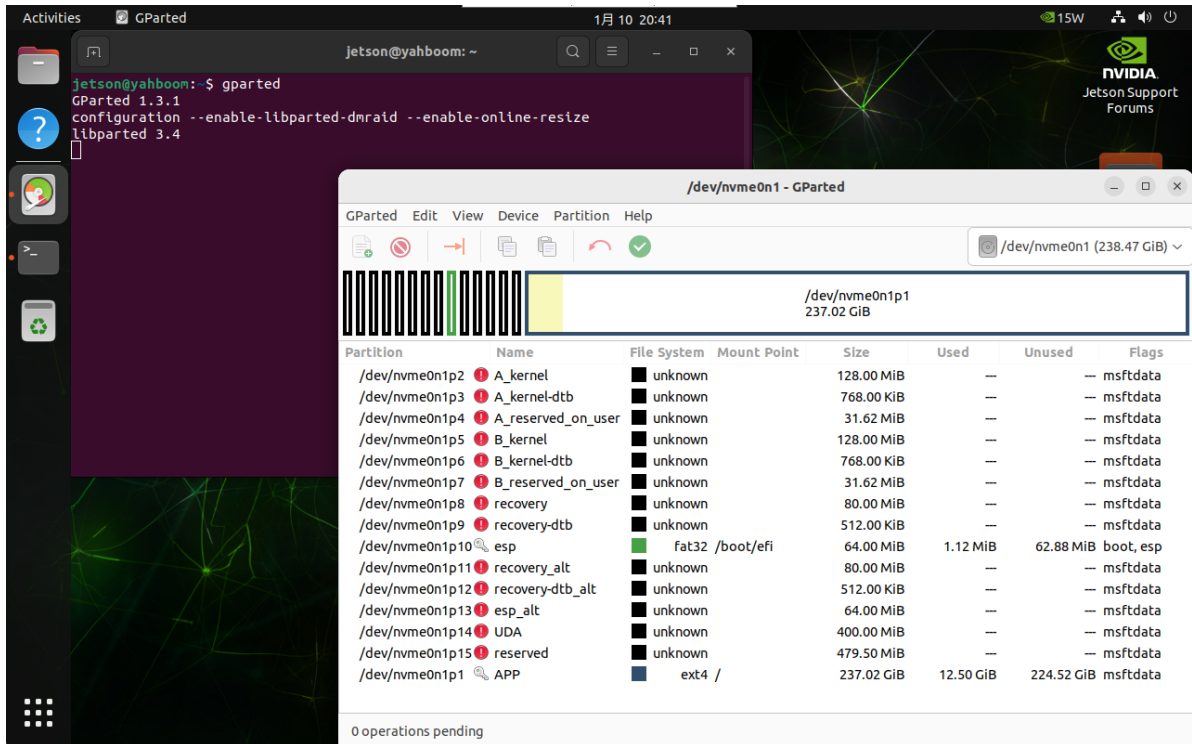
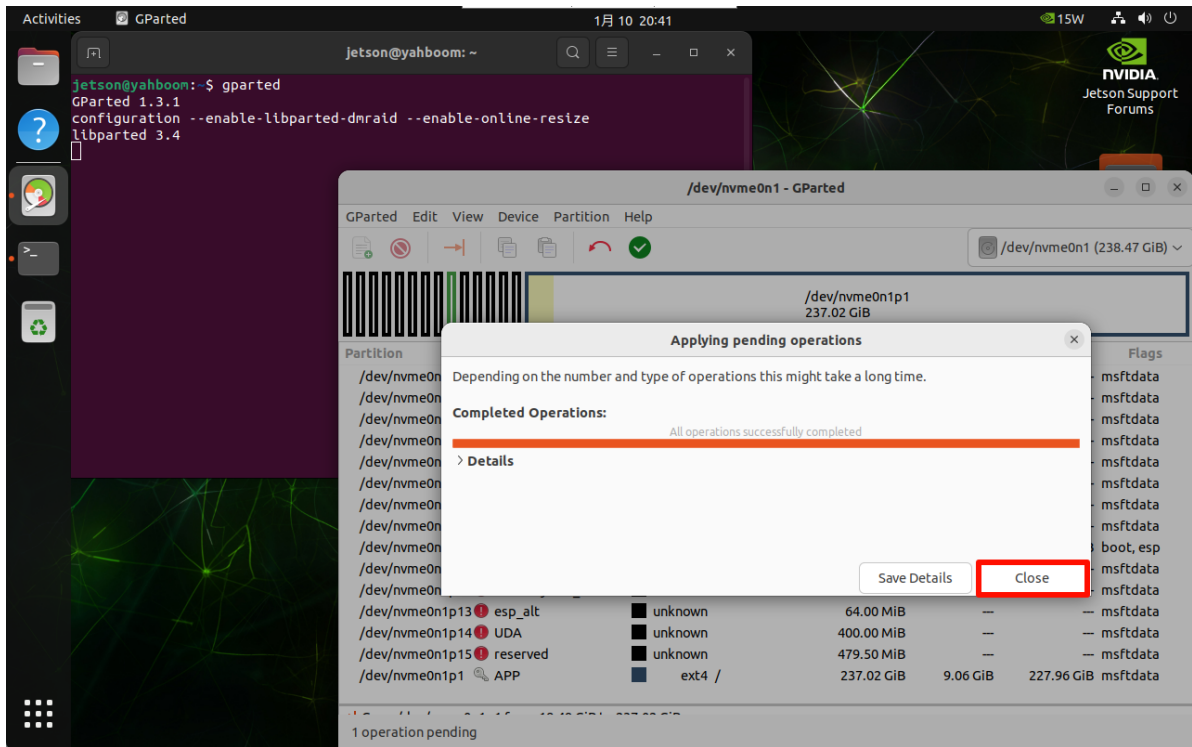
You can adjust the partition size through the slider: you can maximize the space and slide to the far right



Confirm the partition adjustment operation:

image-20250110204116310





After partitioning is completed, close the `GParted` software by yourself!