# TF card expand capacity

This tutorial applies to motherboards that boot from either an SSD or SD card. All steps are the same!

#### Note:

- 1. The system image file provided by Yahboom is compressed to facilitate downloading and replacing drives of different capacities (TF cards, USB flash drives, SSDs, etc.). If the actual drive capacity does not match the actual drive, you can follow this tutorial to expand it.
- 2. This tutorial is for demonstration purposes only. The actual capacity of the TF card you receive will depend on the device you actually use.

### **GParted**

**GParted** (Gnome Partition Editor) is a powerful graphical partition management tool, mainly used to manage disk partitions.

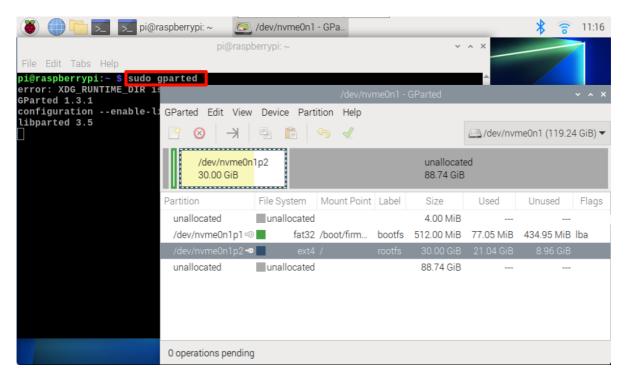
Linux systems can use this tool to manage disks

#### **Install GParted**

sudo apt install gparted pi@raspberrypi: ~ File Edit Tabs Help \$ sudo apt install gparted Reading package lists... Done Building dependency tree... Done Reading state information... Done The following packages were automatically installed and are no longer required: libcamera0.1 libraspberrypi0 libssl1.1 libwpe-1.0-1 libwpebackend-fdo-1.0-1 Use 'sudo apt autoremove' to remove them. The following additional packages will be installed: gparted-common Suggested packages: dmraid gpart jfsutils kpartx mtools reiser4progs reiserfsprogs udftools xfsprogs The following NEW packages will be installed: gparted gparted-common 0 upgraded, 2 newly installed, 0 to remove and 1 not upgraded. Need to get 2,483 kB of archives. After this operation, 8,638 kB of additional disk space will be used. Do you want to continue? [Y/n] y Get:1 http://deb.debian.org/debian bookworm/main arm64 gparted-common all 1.3.1-1 [1,711 kB] Get:2 http://deb.debian.org/debian bookworm/main arm64 gparted arm64 1.3.1-1 [7] Fetched 2,483 kB in 2s (1,392 kB/s) Selecting previously unselected package gparted-common.

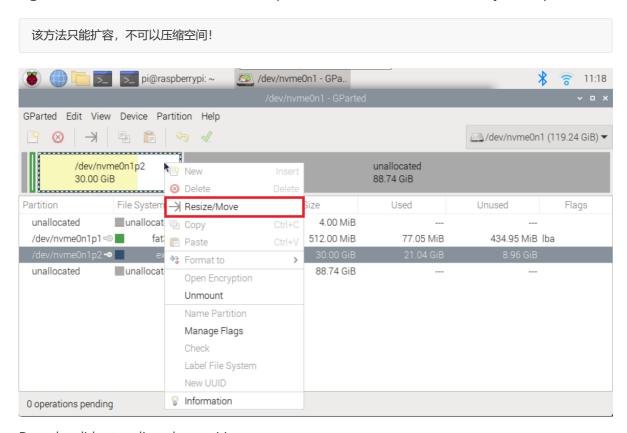
#### Start GParted

sudo gparted

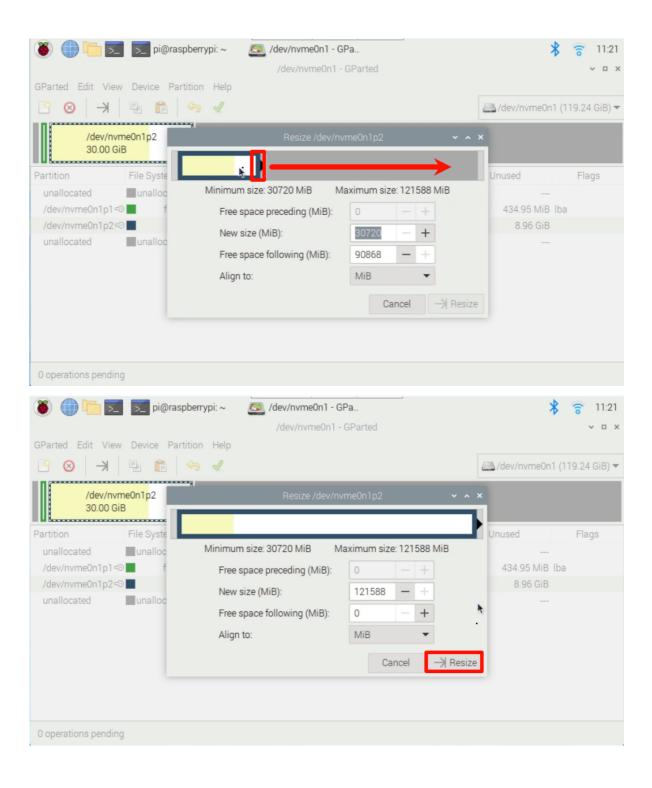


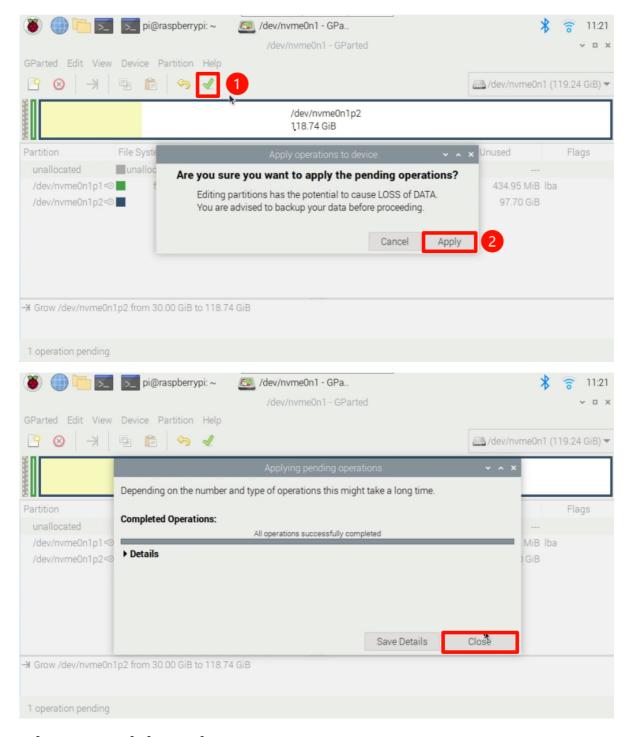
### **Expand capacity**

Right click on the disk(TF card) to allocate space and select "Resize/Move" to adjust the partition.



Drag the slider to adjust the partition:





## View partition size

After completing the disk(TF card) expansion, the newly allocated disk space can be seen in the system.

