

RM04 adding the external storage SOP

Model: RM6504/RM7504/RM8604

FW Version: v1.0.2.66

Release date: Aug 22rd, 2024

Preparation

- A USB drive with FAT32 format, we suggest **interface 3.2 (gen1), 400MB/s read and write speeds** to get an optimal performance and stability.

IMPORTANT STEP

- The FAT32 size of formatting disks on Windows 11 is limit to 32 GB. If your USB drive is larger than 32 GB, you can use [Disk Partition tool](#) which can overcome the 32 GB size limit for formatting to the FAT32 format on Windows.
- Select the USB and select the drop down for FAT32.
- I will be using a 128GB for these steps.

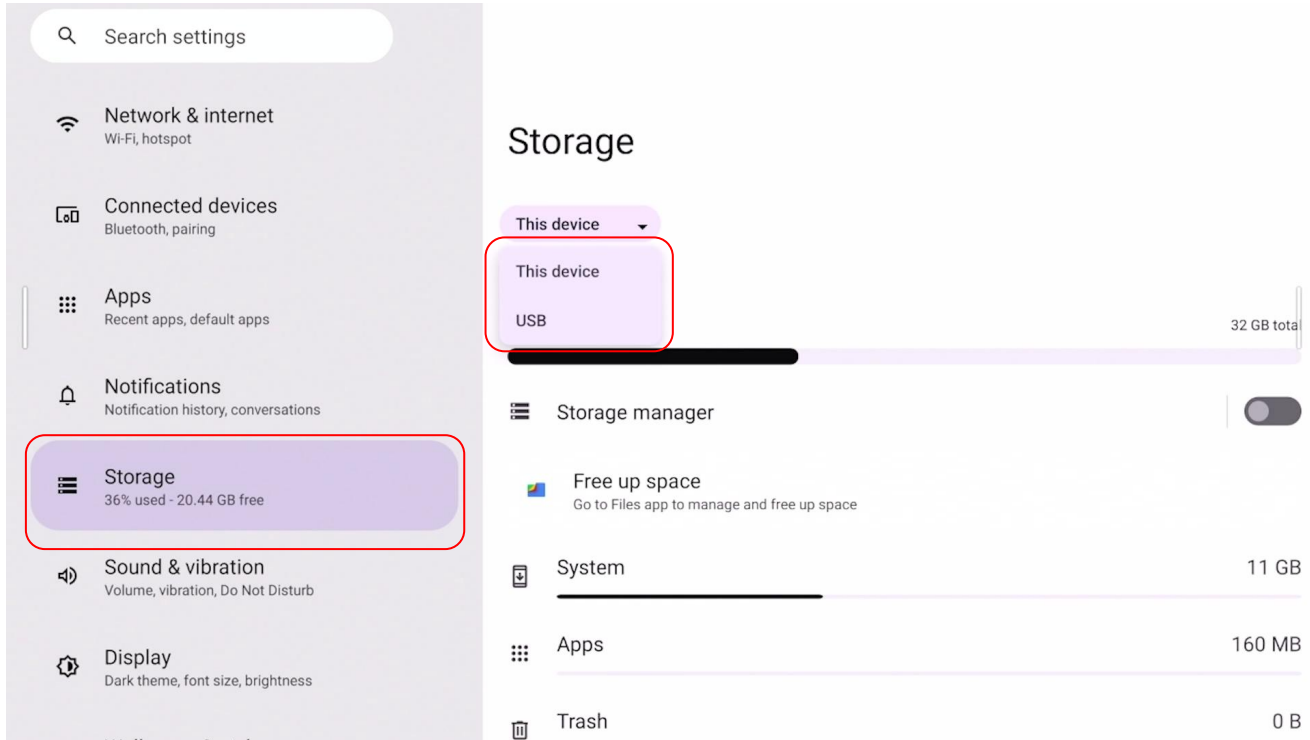
Please refer to the following SOP:

1. Download the DiskGenius disk partition tool.
(You can download a portable version).
2. Insert the USB drive to your laptop, then launch DiskGenius.
3. Choose your USB partition, click "Format" on the tool bar
4. Select FAT32 format, then click "Format", it will be formatted to FAT32 format.

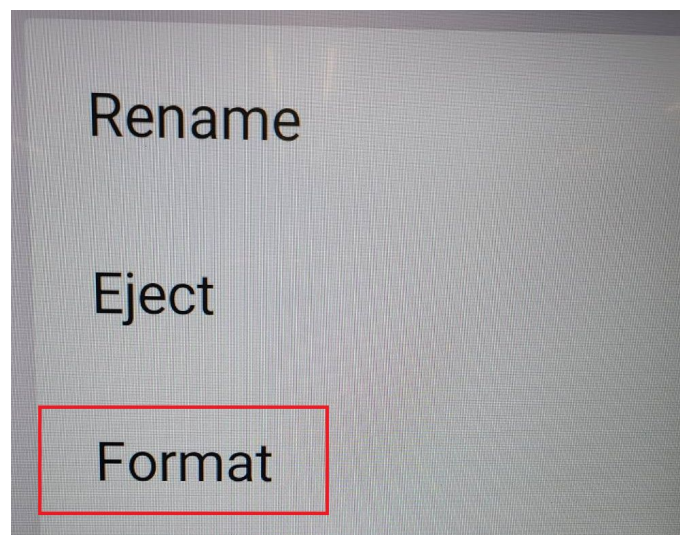
Steps

1. Remove any network connections on the board, including the LAN cable and the Wi-Fi dongle, this step can ensure the merge process can be done successfully.
2. Perform **Factory Reset** on the board.
3. Plug your USB drive into the **side USB 2.0 port**. Preferably next to the WIFI dongle.

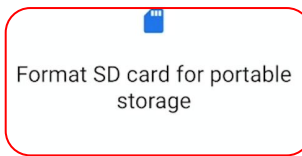
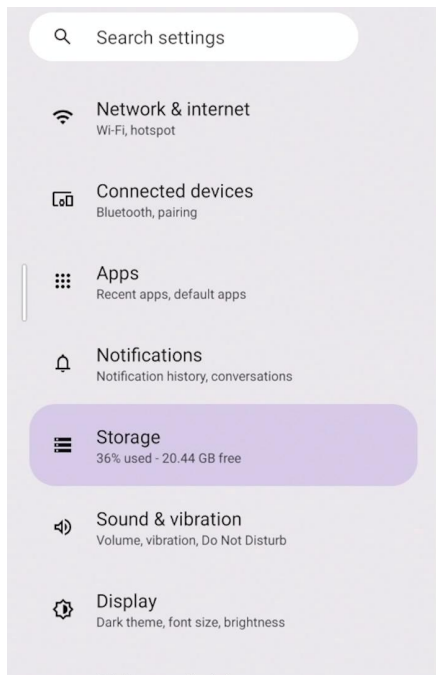
4. Go to Android Settings, click **Storage**, select your USB device under drop down list.



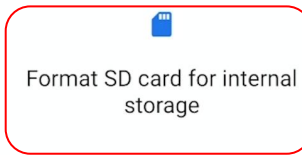
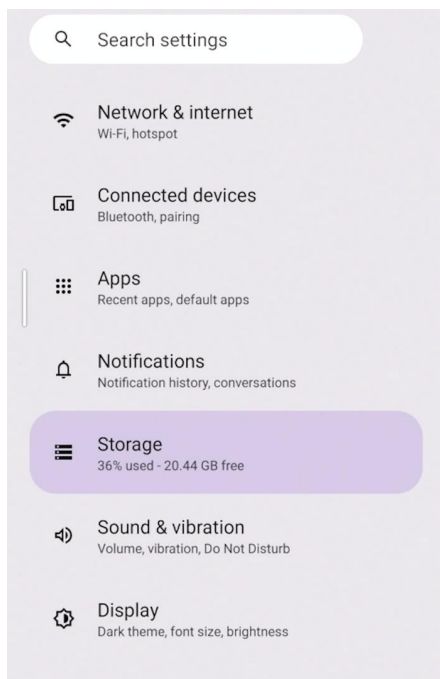
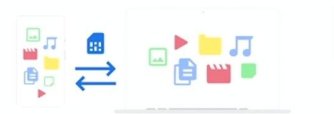
5. Click **three dots icon** on the upper right corner, then click **Format**.



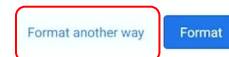
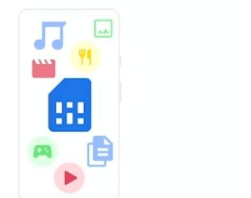
6. Click **Format another way**, make sure you are on **Format SD card for internal storage** page, then click **Format**.



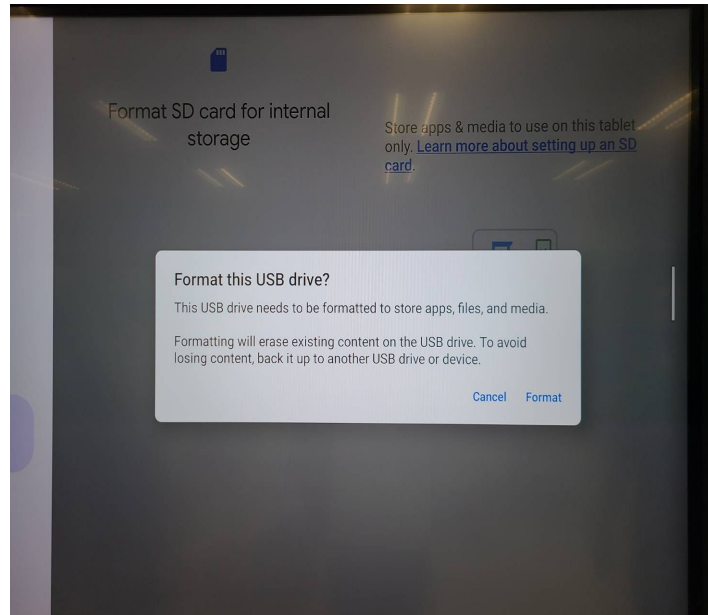
Store photos, videos, music, and more and access them from other devices. [Learn more about setting up an SD card.](#)



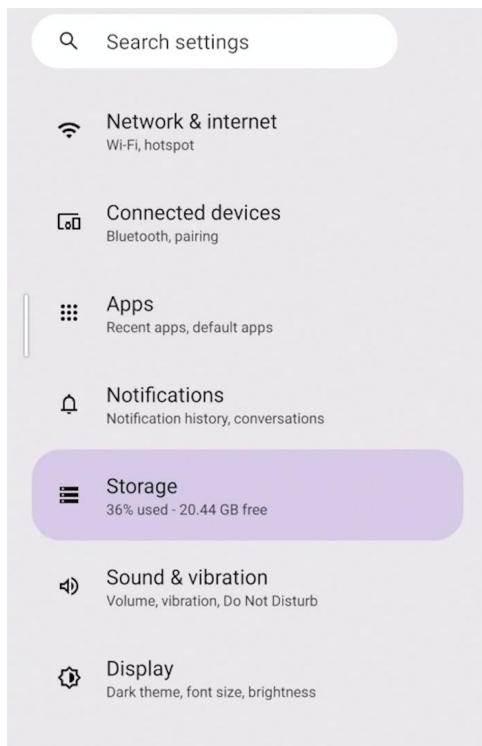
Store apps & media to use on this tablet only. [Learn more about setting up an SD card.](#)



7. Click **Format**, then it will execute the format process.



8 After the format process is done, click **Move content later**.



Move content to USB drive?

You can move files, media, and certain apps to this SanDisk USB drive.

This move will free up 102 kB of your tablet's storage and should take around 1 second.

During the move:

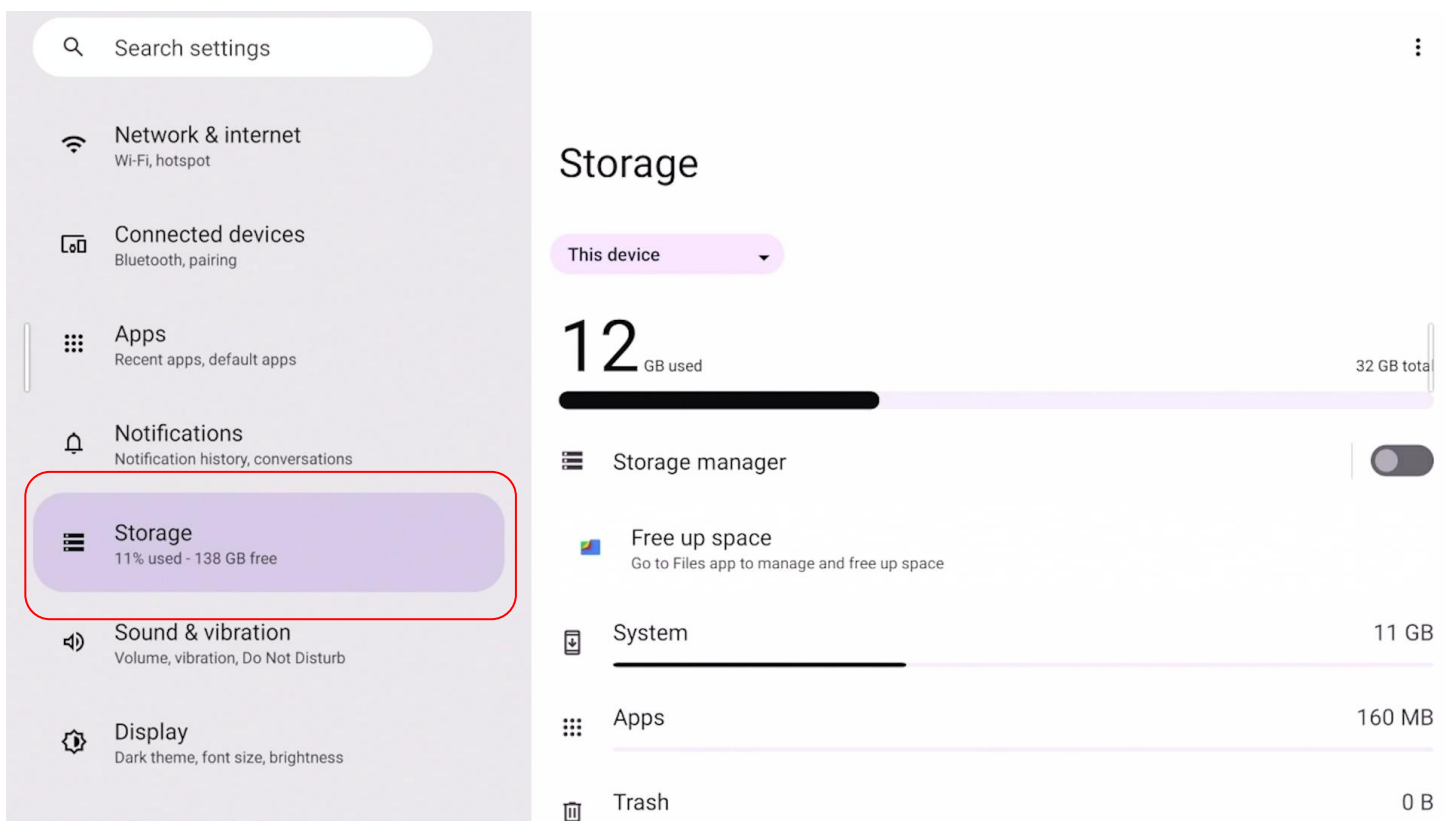
- Don't remove the USB drive
- Some apps won't work
- Keep this tablet charged

Move content later

Move content

9. Click **Done** to finish the adding external storage process.

10. Check storage by exiting settings and going back to **storage**.



Please Note

***Not every app can be installed to the external storage. It depends on the app itself if it can support installing to the external storage.**

***The mechanism of Android is if the external storage is larger than the internal storage, the system will install this app to the external storage.**

***On the contrary, if the internal storage is larger than the external storage, the system will install this app to the internal storage.**