

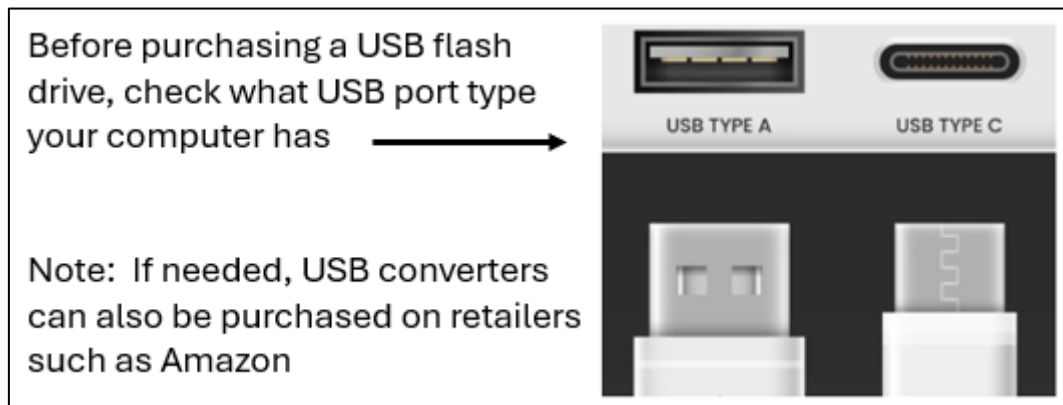
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USB FLASH DRIVE PREPARATION:

For the map download process, you will need a USB Flash Drive/stick:

- **Size:** 32GB is minimum size needed, however larger size is fine
 - USB flash drives larger than 32GB may need additional steps to format to FAT32
- **Type:** USB 3.0 or higher highly recommended
 - The higher the speed, the faster the download will be
 - USB 2.0 will work but data transfer will be much slower and may cause time-out errors
 - The USB port type on your computer also impacts data speed*
- **Format:** USB must be formatted to FAT32. Many USBs are already formatted, but should still be confirmed
- **Brand:** Good quality (name brand) USB flash drive recommended
 - Specific brand not required however 'Micro Center' brand has typically worked well
- **Blank USB:** If you have used the USB flash drive before – move the files (if needed) then delete all the files on it. USB should be blank when starting a new map update download



*The port type on your computer will also impact the speed of map download data transfer. USB 2.0 is slowest, and USB 4 is fastest



CONFIRM USB FORMAT

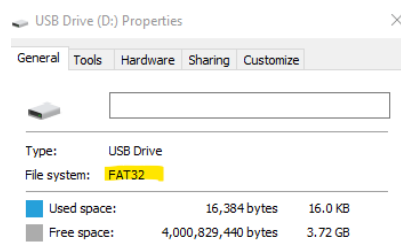
☐ Location: **Your computer**

- Check that your USB flash drive is blank. No other files should be on the USB flash drive
- Confirm if your USB flash drive is formatted to FAT32
- If your USB drive isn't formatted for FAT32, you can format it on your Windows or macOS computer.
 - Note: Doing this will erase all existing data
 - Back up important files before proceeding

VERIFYING FAT32 FORMAT

Windows Computers

1. Insert the USB flash drive into your computer
2. Open **File Explorer**, right-click the drive and select **Properties**
3. Confirm the File System reads **FAT32**



MacOS Computers

1. Press **Command (⌘) + Space**
2. Search **Disk Utility** → Open it
3. Click **View** → **Show All Devices**
4. Select the USB drive (not just the volume)
5. Look at the info panel. Confirm the format reads FAT32.

If you have confirmed your USB is not already formatted – click on your USB flash drive size below for formatting instructions:

- [32GB USB Formatting](#)
- [64GB+ USB Formatting](#)

FORMAT A 32GB USB FLASH DRIVE

WARNING Formatting a USB will delete all data on the USB. Please backup the data to a different location.

Windows Computers

1. Insert the USB flash drive into your computer
2. Open **File Explorer**, right-click the flash drive and select **Format**
3. Choose **FAT32** from the File System dropdown, then click **Start**

MacOS Computers

1. Insert the USB flash drive to be formatted
2. Go to **Applications → Utilities → Disk Utility**
3. Select your USB flash drive and click **Erase**
4. Name the drive (optional), then set the format to **MS-DOS (FAT)**
5. Set the scheme to **Master Boot Record**, then click **Erase**



FORMAT A 64GB+ USB FLASH DRIVE

WARNING Formatting a USB will delete all data on the USB. Please backup the data to a different location.

Windows Computers

There are a few trusted 3rd party tools that can format your USB easily. We only recommend these 2 trusted sites:

GUI Format: <https://guiformat.net/>

Rufus: <https://rufus.ie>

Instructions using **GUI Format** site:

1. Open the link: <https://guiformat.net/>
2. Click **Download**
3. Run `guiformat.exe`
4. No install needed

MacOS Computers

1. Insert the USB flash drive to be formatted
2. Go to **Applications → Utilities → Disk Utility**
3. Select your USB flash drive and click **Erase**
4. Name the drive (optional), then set the format to **MS-DOS (FAT)**
5. Set the scheme to **Master Boot Record**, then click **Erase**

