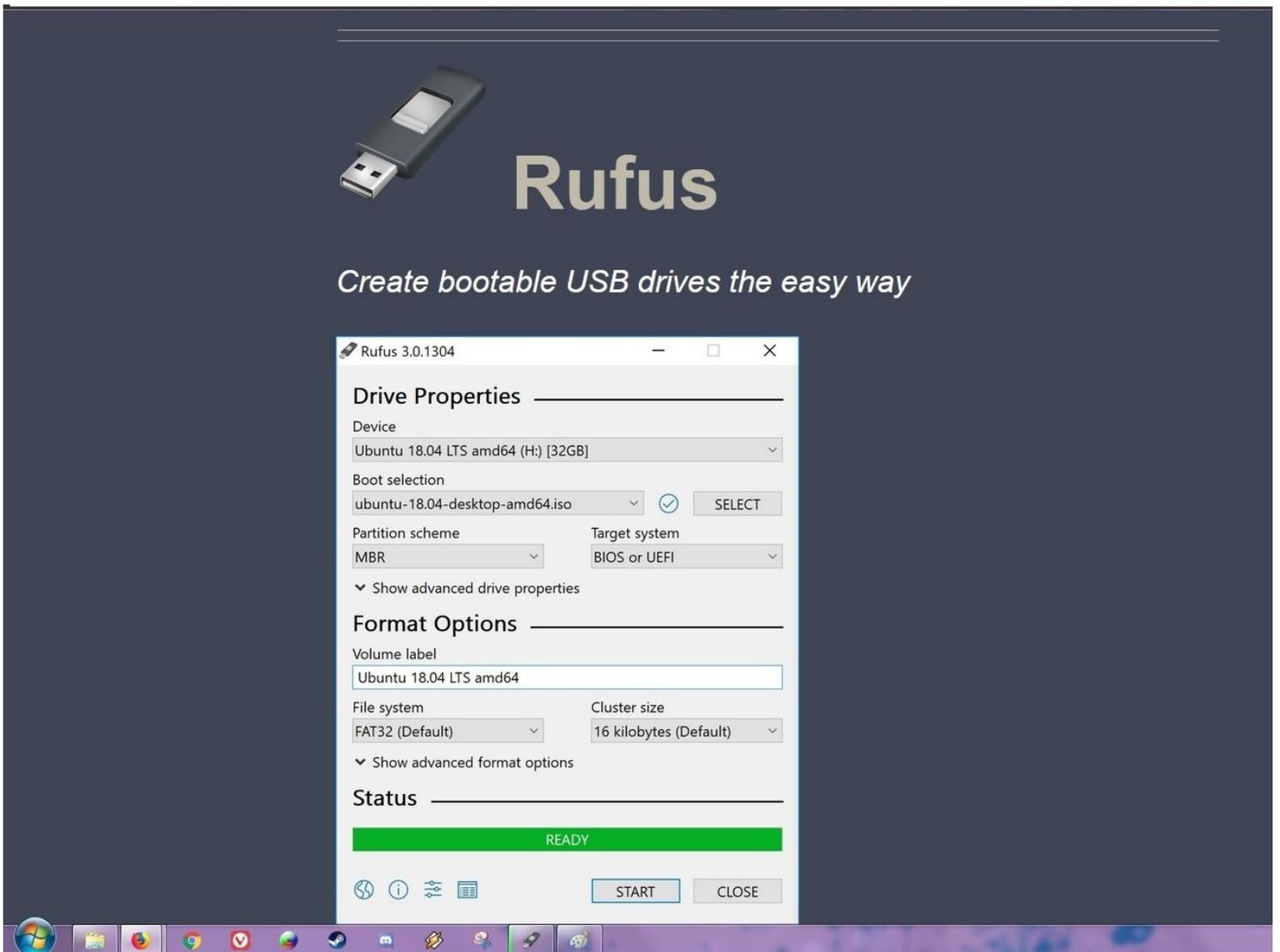




# USB Installation Media Creation

If you are unsure how to write an ISO to a USB...

Written By: Nick



# INTRODUCTION

If you are unsure how to write an ISO to a USB flash drive, this guide will show you how to use Rufus. Many modern systems do not include an internal optical drive and require a USB flash drive to boot unless you use a USB optical drive. This is especially common on modern laptops as well as some desktops where it is an option and is not standard. In many cases, using a USB drive is a more practical workaround for these systems.

Unless your application **REQUIRES** a DVD, it is generally better to use a USB flash drive that is at least 16-32GB\*.

*\*An 8GB drive can often be used but you will be cramped on spare drive space for things like files, drivers, and Linux NF firmware. 8GB drives are generally no longer sold today but may still be sold in bulk as disposable items. Most of these are no-name drives. If you own it, use it; but the minimum I would recommend is 16-32GB, with 32GB being the current recommendation as they cost \$10 or less on average now, 16GB drives aren't that much less (~\$1-2 cheaper average).*

## **READ: Important note about legacy operating systems.**

***Important: OSes without USB boot support are not guaranteed to work. While the risk of a problem is low, results outside of Linux and modern Windows releases are NOT GUARANTEED.***

This guide was originally written just for Linux. However, it can be used with any operating system that supports USB boot and is not tied to one specific operating system in practice. ***Since these operating systems can create unforeseen issues I cannot easily figure out. You are on your own with these issues.***

## **Guide notes**

- ***If you have a used USB drive, format it outside of Rufus before use.***
- ***This guide is on Revision 3. If you are using Rufus 2.x, [refer to Revision 2.](#)***

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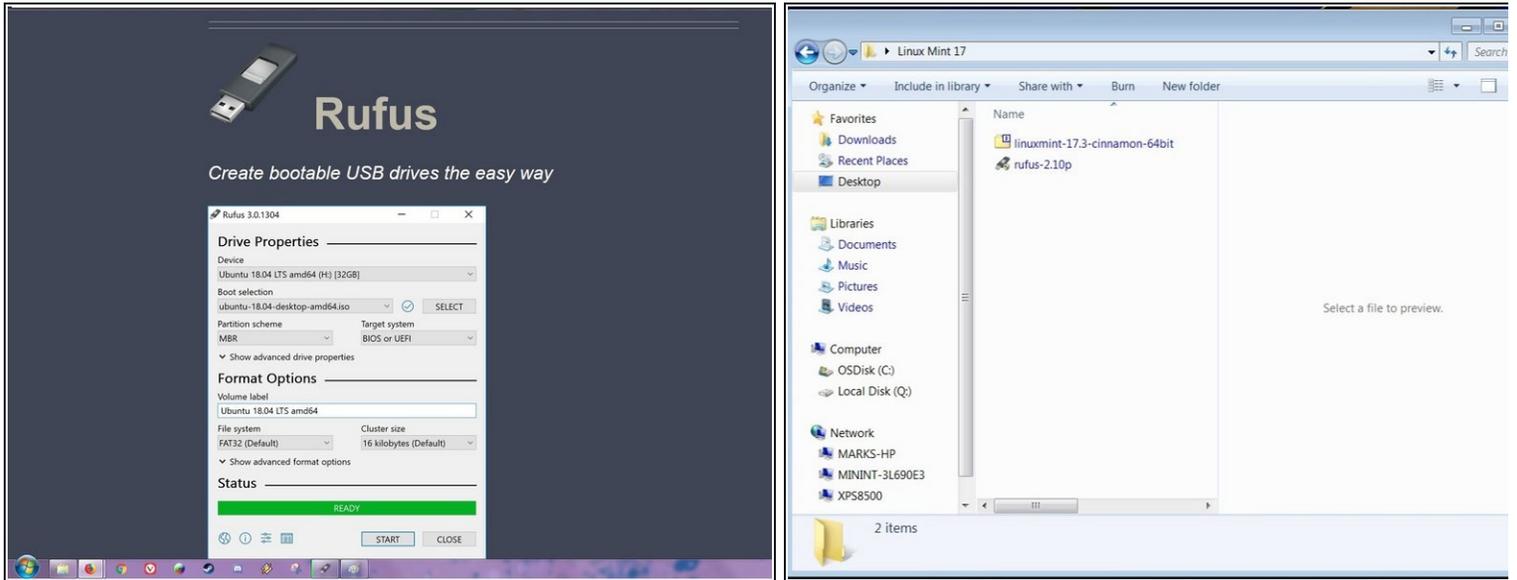
### **TOOLS:**

USB Flash Drive (1)

**32GB+**

*Used to hold the ISO once written to the drive.*

## Step 1 — Download Rufus

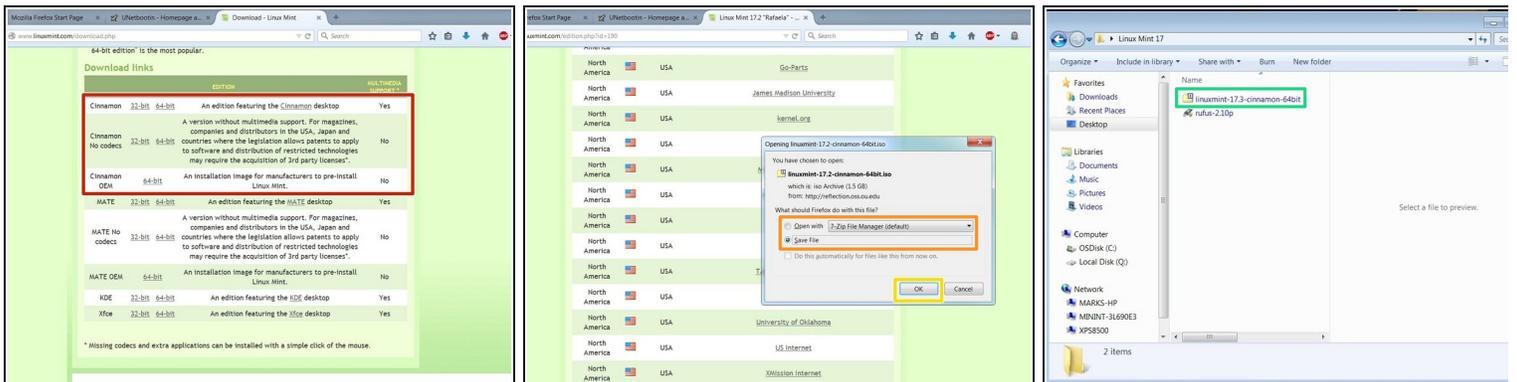


**⚠ THIS PROCEDURE WILL ERASE YOUR USB DRIVE! IF POSSIBLE, USE A NEW USB DRIVE.**

**⚠ If you are reusing an old drive, format it first!**

- To write the ISO, download [Rufus](#). Place this somewhere it is easily found.

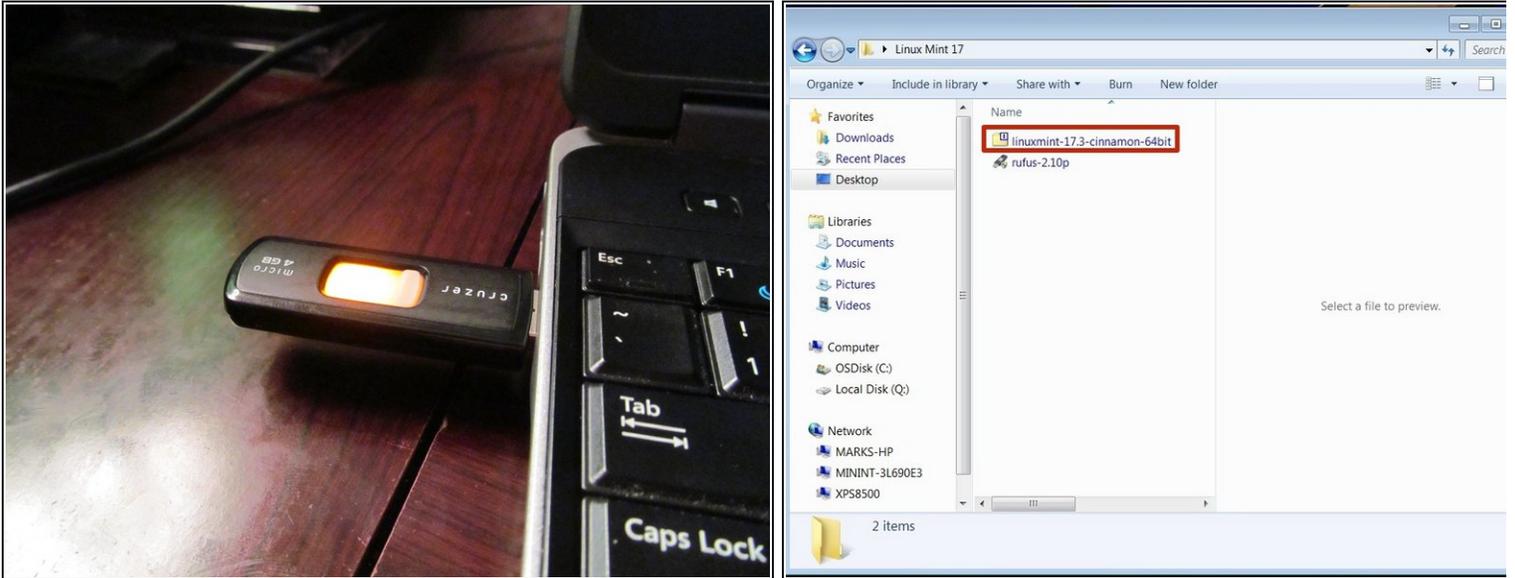
## Step 2 — Download your ISO



**🚩 Torrent clients require additional configuration NOT COVERED in this guide.**

- After downloading Rufus, download the ISO you want to write to the USB drive.

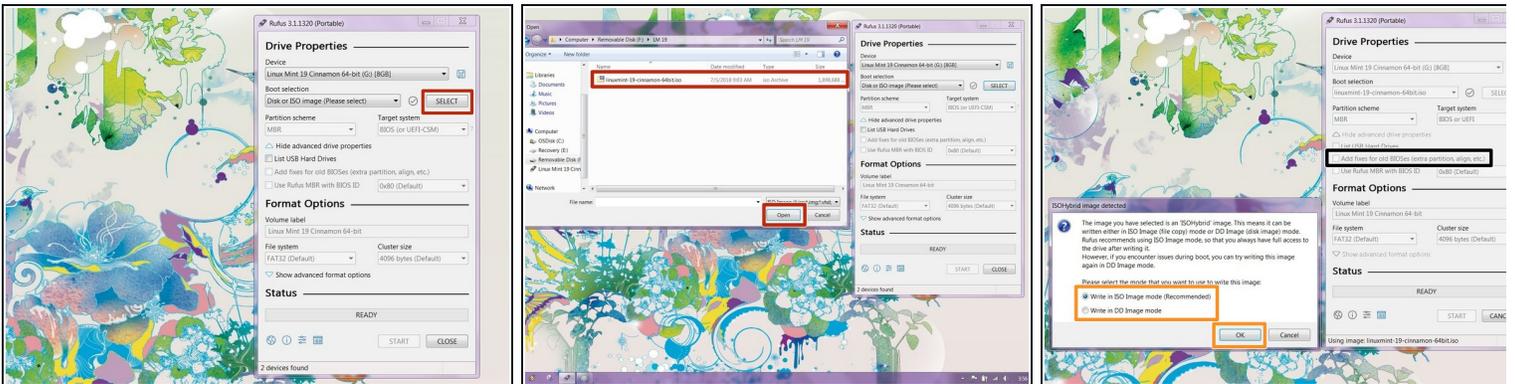
## Step 3 — Locate the ISO



📁 Default download location: **Windows 7/8.x/10: Downloads**

- Plug the USB drive in and select the ISO you want to use.

## Step 4 — Writing the ISO file



⚠️ **If your system has a buggy legacy BIOS, click on "Add fixes for older BIOSes".**

- Open Rufus and click **SELECT**. Find the ISO and click **Open**.
- Rufus will ask you to choose **ISO or DD** mode. **If unsure, choose ISO mode.**
- After configuring the writing process, click **start**. **Click OK on the formatting warning.**