APCUG Presents

Sliding Over From Windows to Linux Made Easy

September 21, 2022

Transition Key

- Programs available to Windows users
- Common to both Windows and Linux
- Makes the move from Windows to Linux very smooth

Internet: Browsers

- Firefox*, Brave
- Chromium, Chrome
- Browser extensions

Internet: Search Engines

- DuckDuckGo
- Google
- Bing

Internet: Password Security

- Bitwarden
- LastPass
- Roboform

Internet: Storage

- Dropbox
- Google Drive
- One Drive
- pCloud

Communication

- Thunderbird (client based mail)
- Gmail/OutlookMail (web based mail)
- Zoom, Jitsi, Skype

Productivity

- LibreOffice*
- Google Docs
- Office Online

Audio/Video

- VLC*

The Results

- Very comfortable with the software that I was using
- Very pleased to learn that the new operating system had the same software

TEST DRIVING LINUX

Try Linux on your own computer using a bootable thumb drive containing Linux

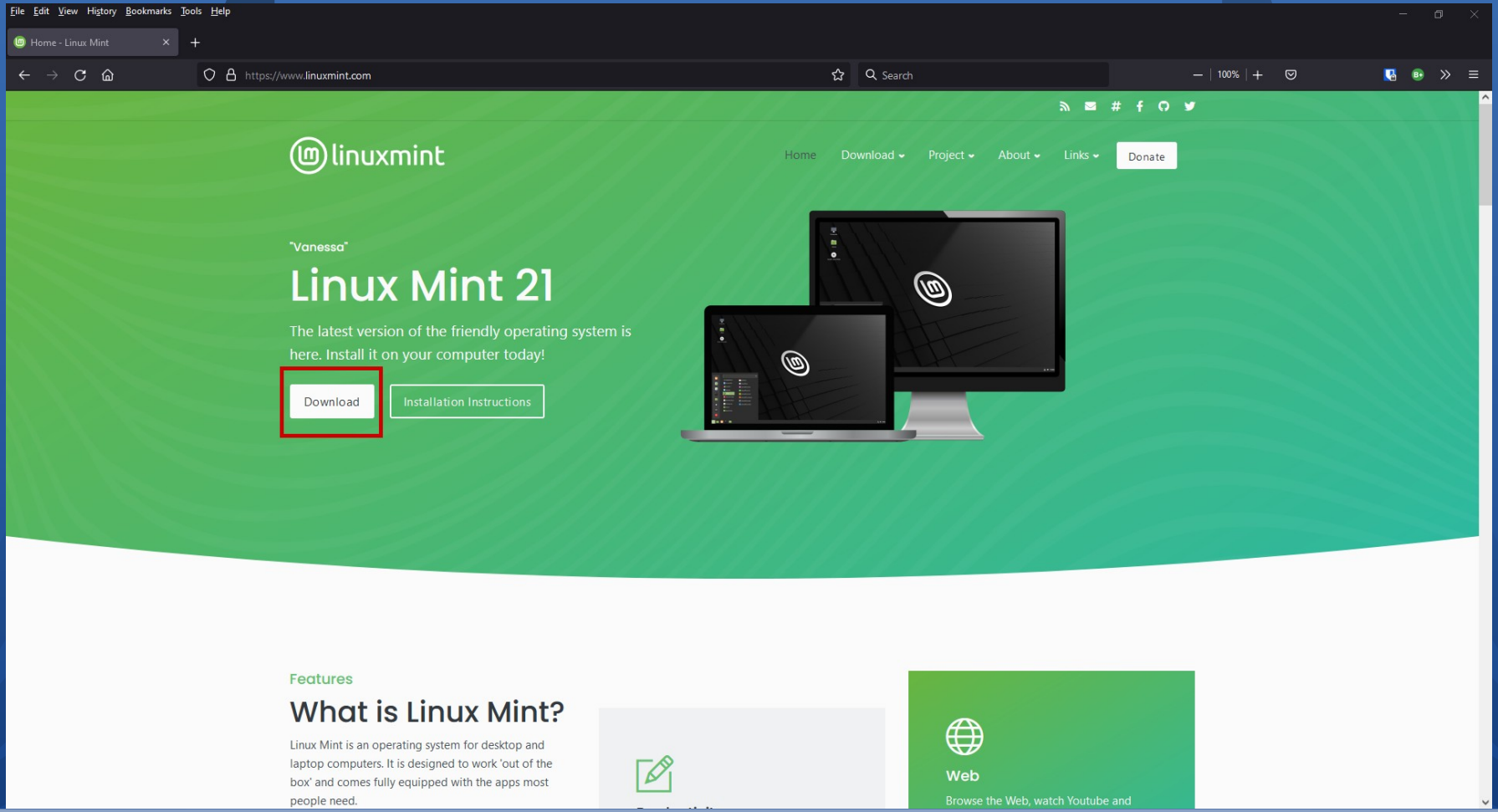
Why Bootable?

- You can run an operating system, like Linux, off the thumb drive
- You do not make any changes to your hard drive or your operating system
- You can access all your files and open them up in the “live” thumb drive, edit the file, and you can save it back to your own hard drive

LINUX ISO

Getting Linux Mint

https://linuxmint.com/

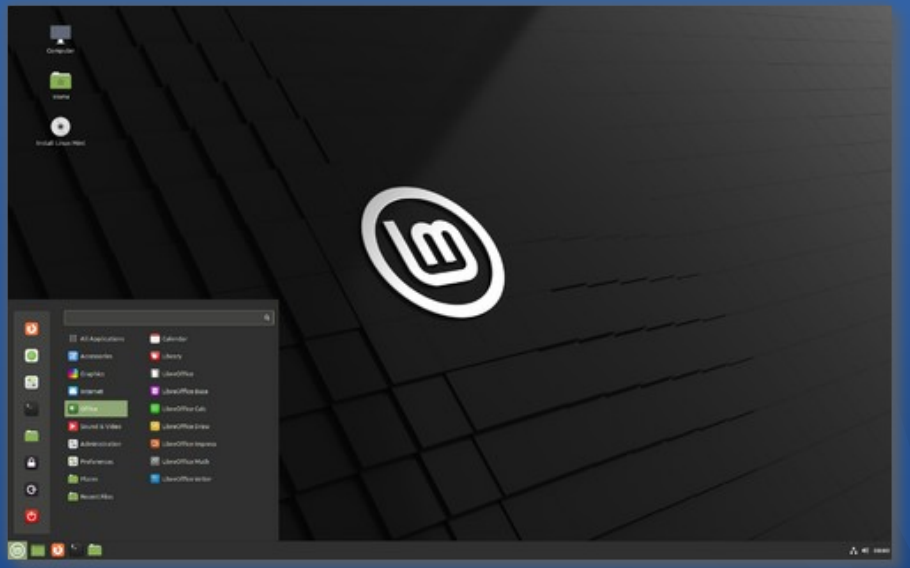


https://linuxmint.com/

- When you click on the Dowload button, you are taken to another page where you have to choose which of three versions of Mint you want to download

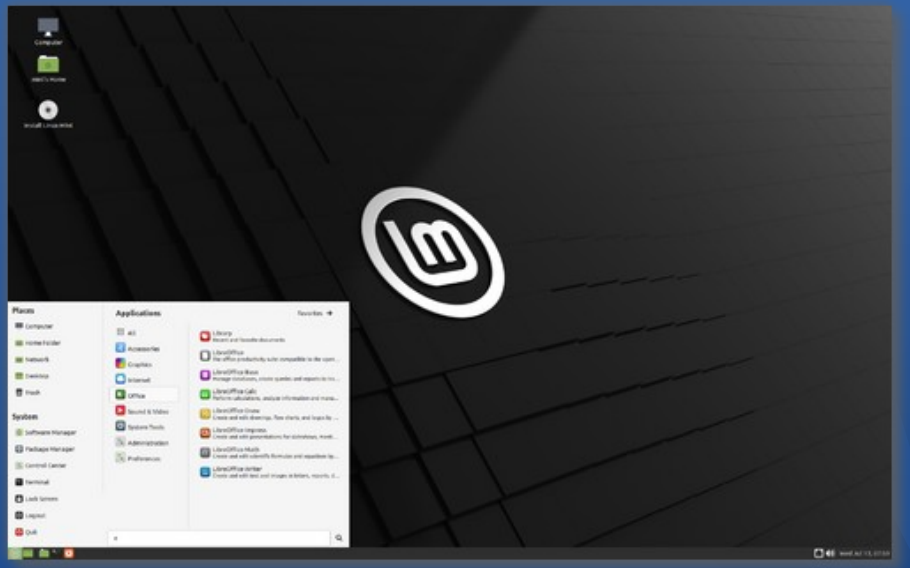
MINT WEBSITE

- The most popular version of Linux Mint is the Cinnamon edition. Cinnamon is primarily developed for and by Linux Mint. It is slick, beautiful, and full of new features.



MINT WEBSITE

- Linux Mint is also involved in the development of MATE, a classic desktop environment. Although it misses a few features and its development is slower than Cinnamon’s, MATE runs faster, uses fewer resources and is more stable than Cinnamon.



MINT WEBSITE

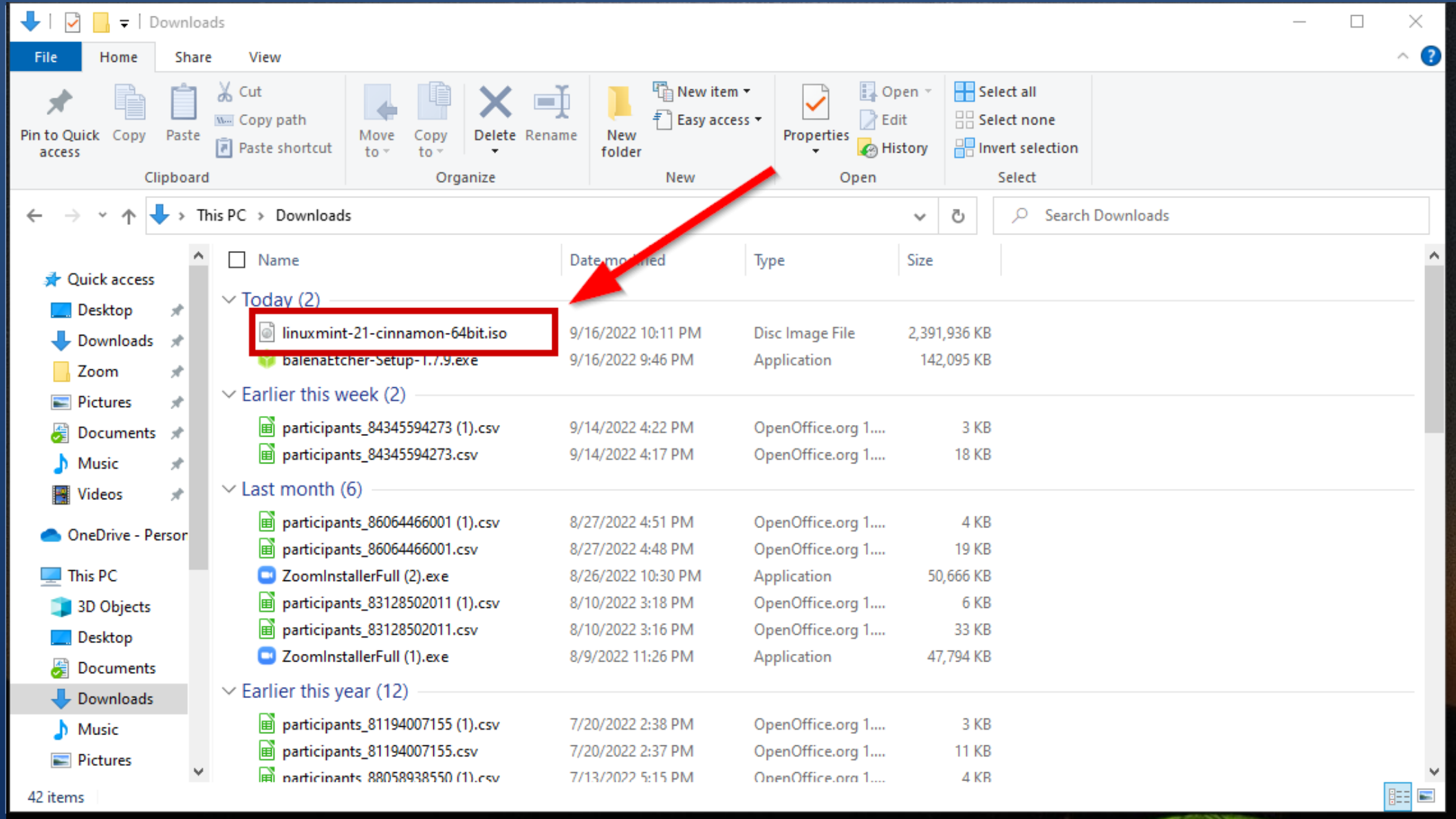
- Xfce is a lightweight desktop environment. It doesn’t support as many features as Cinnamon or MATE, but it’s extremely stable and very light on resource usage.

MINT WEBSITE

- https://linuxmint.com/

- Choose your version, we’re getting Cinnamon
- Choose your location, we’re getting it from Purdue Linux User Group, because it’s somewhat close to me
- Can be left in Downloads or moved to another folder (I have a folder for ISO)

USA	ette.biz
USA	Fremont Cabal Internet Exchange
USA	GigeNET
USA	Harvard School of Engineering
USA	James Madison University
USA	kernel.org
USA	Linux Freedom
USA	MetroCast Cablevision
USA	Open Computing Facility at UC Berkeley
USA	Purdue Linux Users Group
USA	Skynet Communications of Kentucky
USA	Sonic
USA	St. James R-1 School District
USA	Team Cymru
USA	TeraSwitch


Downloads
File
Home
Share
View
Pin to Quick access
Copy
Paste
Cut
Copy path
Paste shortcut
Clipboard
Move to
Copy to
Delete
Rename
Organize
New folder
New item
Easy access
New
Properties
Open
Edit
History
Open
Select all
Select none
Invert selection
Select
This PC
Downloads
Search Downloads
Quick access
Desktop
Downloads
Zoom
Pictures
Documents
Music
Videos
OneDrive - Persor
This PC
3D Objects
Desktop
Documents
Downloads
Music
Pictures
Name
Date modified
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Size
Today (2)
linuxmint-21-cinnamon-64bit.iso 9/16/2022 10:11 PM Disc Image File 2,391,936 KB
balenaEtcher-Setup-1.7.9.exe 9/16/2022 9:46 PM Application 142,095 KB
Earlier this week (2)
participants_84345594273 (1).csv 9/14/2022 4:22 PM OpenOffice.org 1.... 3 KB
participants_84345594273.csv 9/14/2022 4:17 PM OpenOffice.org 1.... 18 KB
Last month (6)
participants_86064466001 (1).csv 8/27/2022 4:51 PM OpenOffice.org 1.... 4 KB
participants_86064466001.csv 8/27/2022 4:48 PM OpenOffice.org 1.... 19 KB
ZoomInstallerFull (2).exe 8/26/2022 10:30 PM Application 50,666 KB
participants_83128502011 (1).csv 8/10/2022 3:18 PM OpenOffice.org 1.... 6 KB
participants_83128502011.csv 8/10/2022 3:16 PM OpenOffice.org 1.... 33 KB
ZoomInstallerFull (1).exe 8/9/2022 11:26 PM Application 47,794 KB
Earlier this year (12)
participants_81194007155 (1).csv 7/20/2022 2:38 PM OpenOffice.org 1.... 3 KB
participants_81194007155.csv 7/20/2022 2:37 PM OpenOffice.org 1.... 11 KB
42 items

Bootable Thumb Drives

Getting and Using Etcher

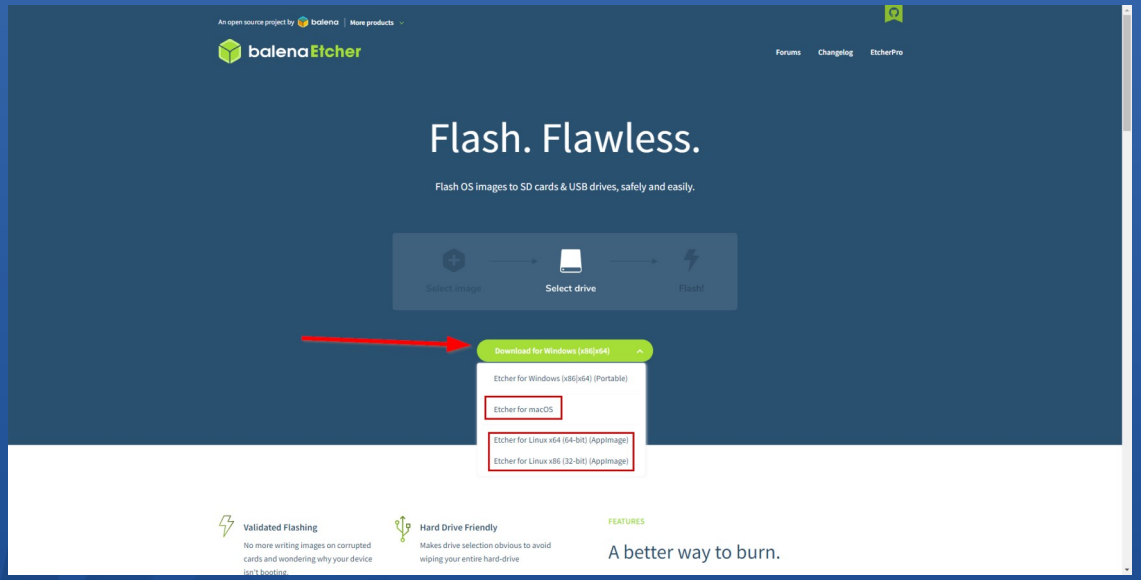
balenaEtcher

- Sometimes just called Etcher

  https://www.balena.io/etcher/

- balenaEtcher is a free and open-source utility used for writing image files such as .iso and .img files onto storage media to create live SD cards and USB flash drives

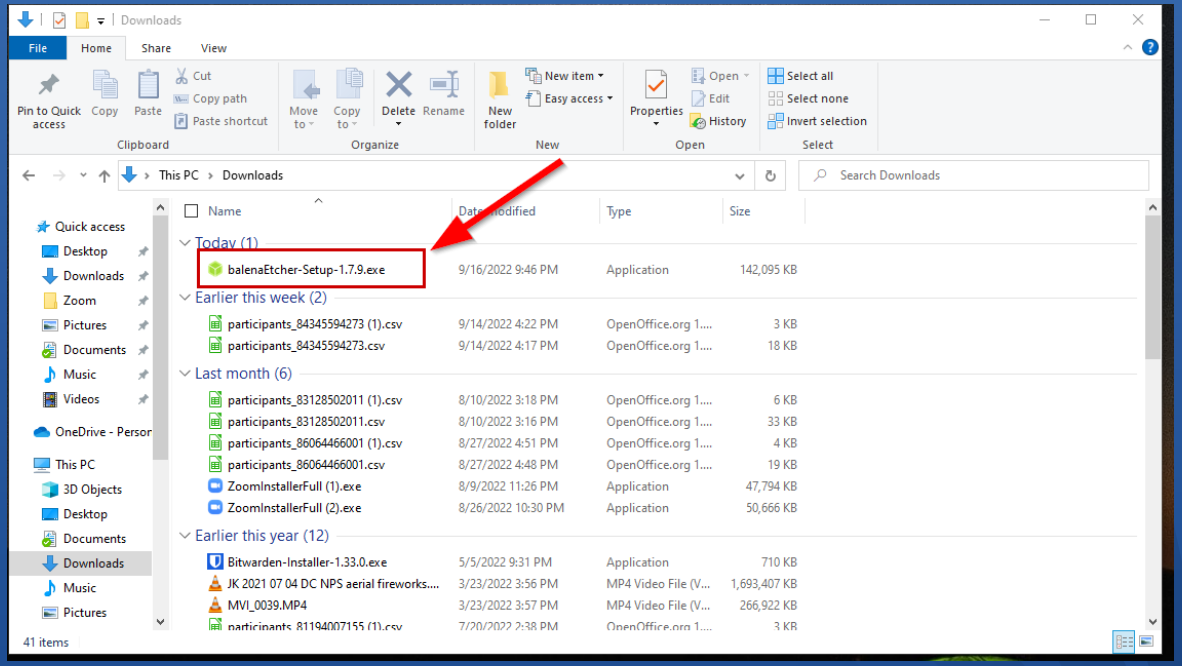
GETTING ETCHER



- https://www.balena.io/etcher/
- Use browser of choice
- Website knows what version of Etcher you need

https://www.balena.io/etcher/

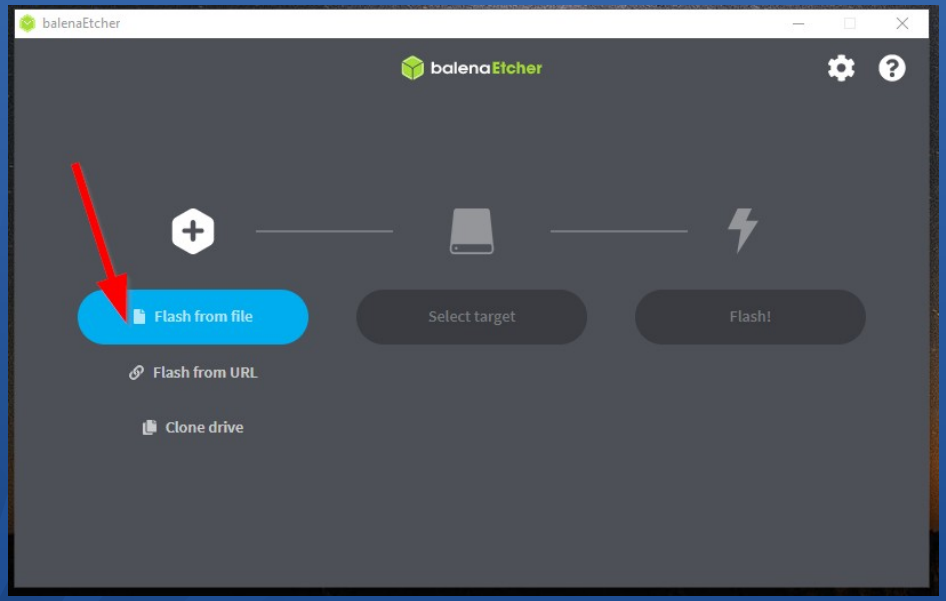
- Download
- Double-click to start the install process



CREATING A LIVE USB

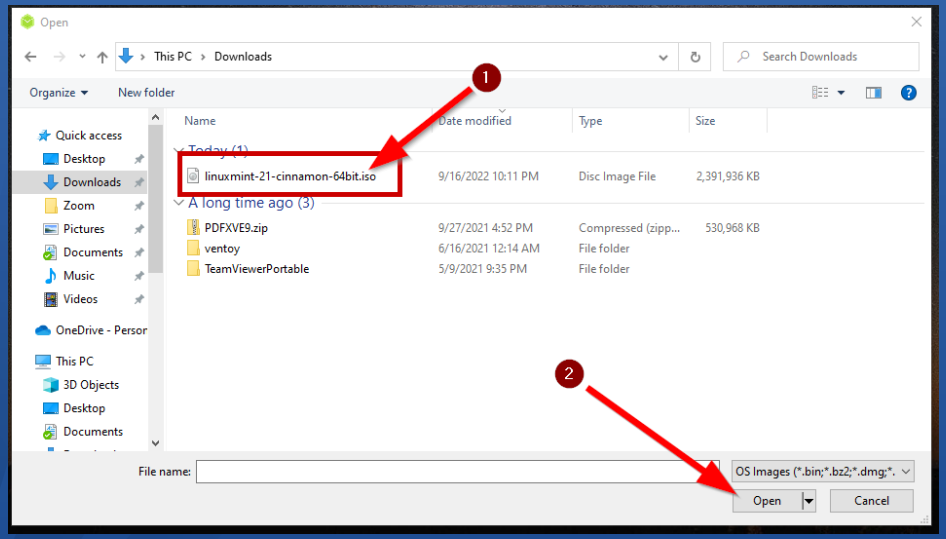
- Connect blank 16 GB (or larger) USB to your computer
- Go to Downloads (or wherever you moved Etcher if you did)
- Double click Etcher to install (or if already installed, go to Start Menu to run it)

CREATING A LIVE USB



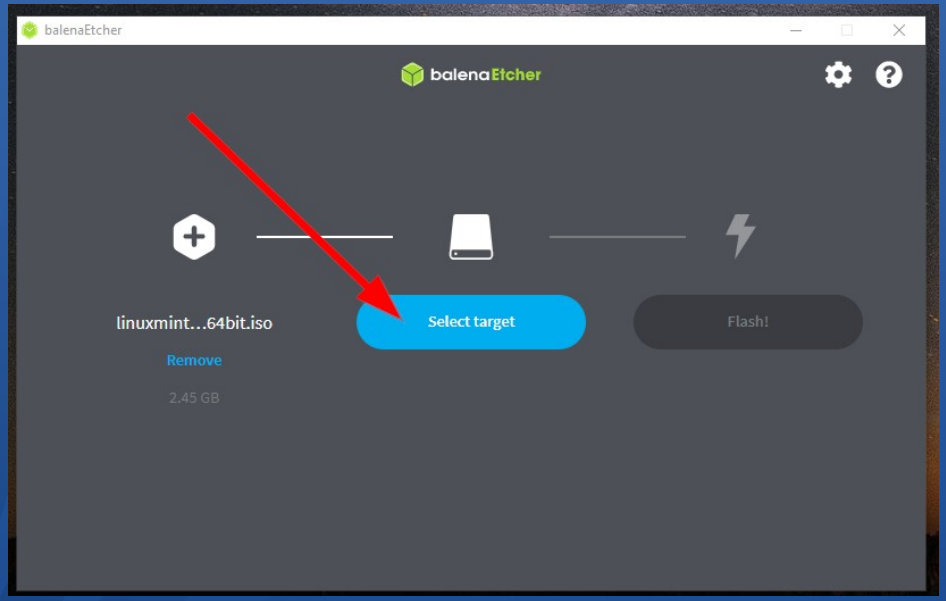
- Select “Flash from File”

CREATING A LIVE USB



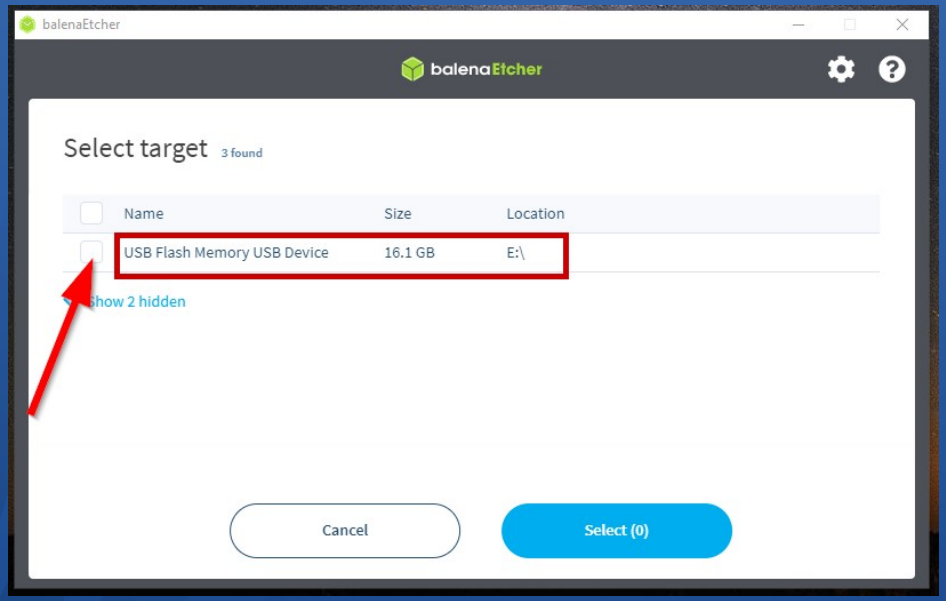
- and find the ISO of Mint (or whatever distro you chose), click “Open”

CREATING A LIVE USB



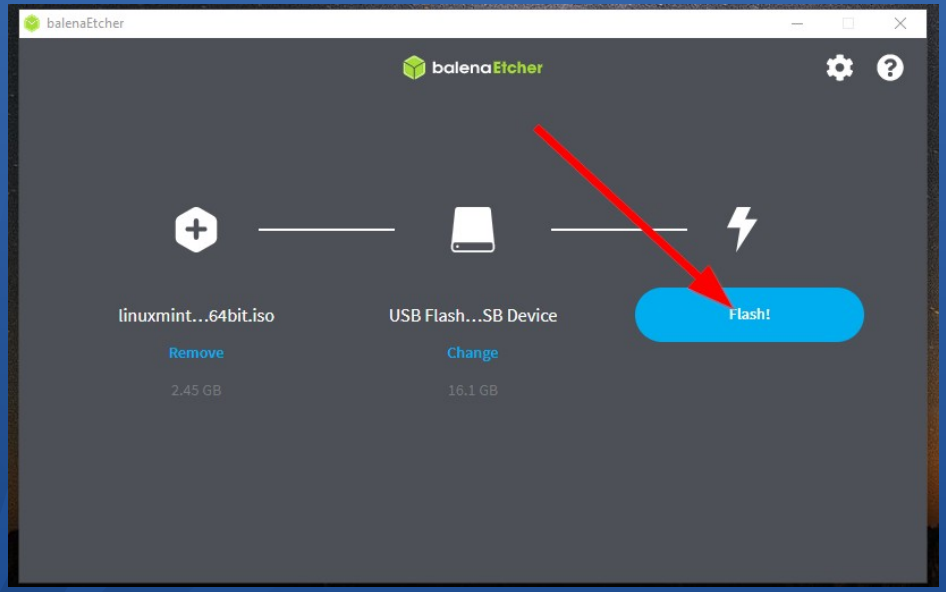
- Select “Select Target”

CREATING A LIVE USB



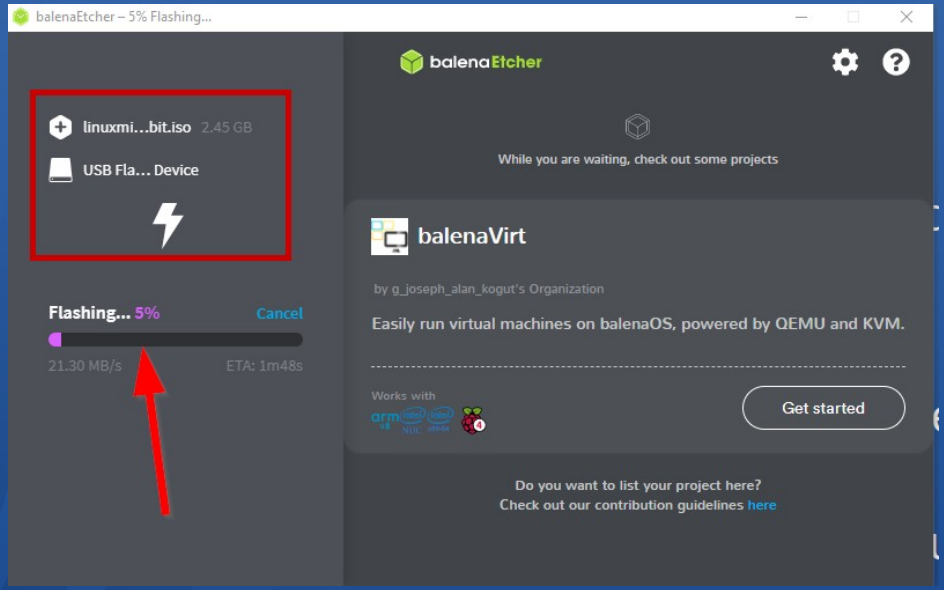
- choose the USB that you want to use, make sure it’s the right one, check the box and click “Select”

CREATING A LIVE USB



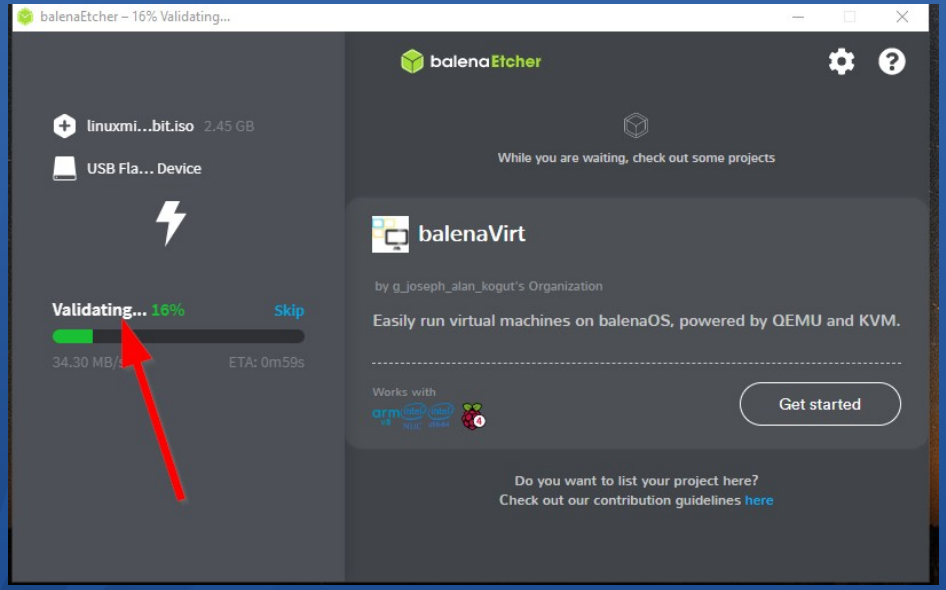
- If something isn't right, you can go back to change it. Double check.
- Last step, choose to "Flash!"

CREATING A LIVE USB



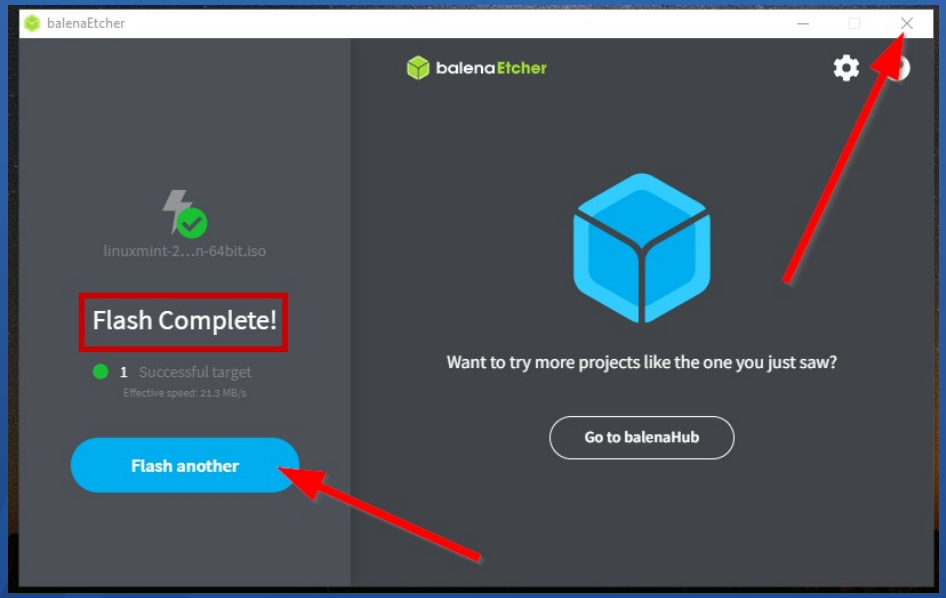
- Etcher will “flash” the USB drive putting the Mint IOS on the drive and making it “bootable”

CREATING A LIVE USB



- After flashing, Etcher will “Validate” the flash process

CREATING A LIVE USB



- When finished, you can either flash another USB drive or EXIT

BOOTING TO A USB Drive

- We now turn the workshop over to Cal, where he will share with us “How to Boot to a USB Drive” on your computer (without making any changes to your computer)

- Then Cal will take you on a tour of the Mint operating system that’s running off the USB drive and not your computer’s hard drive