

Install Linux Mint on macbook Pro

A set of tips for install and post install

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2023-06-01

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1 Introduction

1.1 Install Mint onto a macbook pro

The target MacBook is a 13-inch, 2016, Four Thunderbolt 3 Ports.

Get an iso file from the Mint website

ISO file is 2.5 GB in size.

The Linux Mint 21.1 Vera download site is [here](#)

Download torrent file from website [here](#)

Use app on macbook pro running macos, say **Transmission** to open torrent file and download. Takes about 6 minutes via ethernet connection.

Transfer iso file to USB drive, “burn”. use balanaEtcher. Download [here](#)

Insert the USB flash drive into the target mac and reboot. Hold the ALT key to allow booting from the external USB drive.

From the **Grub** menu choose “Start Linux Mint 21.1 Cinnamon 64-bit”

A **linux mint** desktop will appear. There is one icon on the screen labeled “install Linux Mint”. Double click it.

A setup dialog will start.

- First Language,
- then Network,
- then codexes,
- then options for a fresh install or “something else”.
- next Location,
- then name a root user and assign a password.

That's it. Reboot and login.

Use Panda Wireless modem for internet access. Mint 21.1 has **Ralink** RT5372 drivers installed.

Add second monitor. Cinema display 27”.

Open Display menu. Select 2560x1440 for resolution for both monitors. Monitor scale 150%.

Turn on Timeshift to provide hourly snapshots

Turn on “Tap to click” and “Reverse scroll”. Open “Mouse and Touchpad”.

```
sudo apt-get update ; sudo apt-get upgrade
```

2 Next steps...

Basics install utilities **git**, **wget**, **curl**, **zsh**

```
sudo apt update
sudo apt install wget curl git -y
Install zsh
sudo apt install zsh
```

Install oh-my-zsh `wget https://github.com/robbyrussell/oh-my-zsh/raw/master/tools/install.sh`
-O - | zsh

Install Dropbox Easiest way to install Dropbox is with software manager.

Install qutebrowser

Install zotero. [github site](#)

```
wget -q0- https://raw.githubusercontent.com/retorque/zotero-deb/master/install.sh | sudo  
sudo apt update  
sudo apt install zotero
```

Install Tex

3 Install Ubuntu on Parallels

- step one set up parallels tools. Use “Actions” menu to select “install parallels tools. This will point CD/DVD device at the iso image. Open the DVD in”Files”. Open install parallel tool-gui.
- macbook harddrive will be available under share
- Firefox is installed. Add vinium-ff extension.

Idea: Could I use Docker?

This seems like genius:

```
alias nvim="docker run -it -v `pwd`: /mnt/volume --workdir=/mnt/volume anatolelucet/neovim  
alias nvim="docker run -it -v `pwd`: /mnt/volume --workdir=/mnt/volume anatolelucet/neovim
```

3.1 Script to set up links from local OS to Dropbox

```
#!/bin/sh  
for P in .*  
do  
    # skip setup  
    if [ "$P" = ".DS_Store" ]; then continue; fi  
    echo $P
```

```

# ensure permissions
#chmod -R o-rwx,g-rwx $P
#
## skip existing links
if [ -h "$HOME/$P" ]; then
    echo " ";
    echo $P;
    echo "already exists at home";
    echo " ";
fi
#
# move existing dir out of the way
if [ -e "$HOME/$P" ]; then
if [ -e "$HOME/$P.bak" ]; then
    echo "want to override $HOME/$P but backup exists"
    continue;
fi
#
echo -n "Backup "
mv -v "$HOME/$P" "$HOME/$P.bak"
fi
#
echo "create in Home a link for"
    echo $P;
ln -v -s "$HOME/Dropbox/dotfiles/$P" "$HOME/$P"
done

if [ ! -d $HOME/sandbox ]
then
    echo "sandbox does not exist so create link"
    ln -v -s $HOME/Dropbox/sandbox/ $HOME/sandbox;
fi
if [ ! -d $HOME/bin ]
then
    echo "bin does not exist so create link"
    ln -v -s $HOME/Dropbox/bin/ $HOME/bin;
fi
if [ ! -d $HOME/docs ]
then
    echo "docs does not exist so create link"

```

```

        ln -v -s $HOME/Dropbox/docs/ $HOME/docs;
fi
if [ ! -d $HOME/prj ]
then
    echo "prj does not exist so create link"
    ln -v -s $HOME/Dropbox/prj/ $HOME/prj;
fi
if [ ! -d $HOME/work ]
then
    echo "work does not exist so create link"
    ln -v -s $HOME/Dropbox/work/ $HOME/work;
fi
if [ ! -d $HOME/shr ]
then
    echo "shr does not exist so create link"
    ln -v -s $HOME/Dropbox/shr/ $HOME/shr;
fi

```