**OCTO PRINTER IMAGE DOWN LOAD**

<https://octoprint.org/download/>

OCTO PRINTER IMAGE to SD MEMORY WRITE

<https://www.raspberrypi.org/forums/viewtopic.php?t=131489>

<https://www.raspberrypi.org/forums/viewtopic.php?p=890408#p890408>

sudo apt-get install --no-install-recommends xserver-xorg

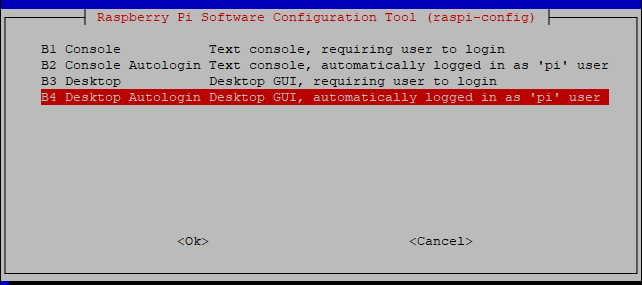
sudo apt-get install --no-install-recommends xinit

sudo apt-get install raspberrypi-ui-mods

**xwindos auto login setting**

sudo raspi-config

3.Boot-option -> B1 Desktop /CLI -> B4 Desktop Autologin



**TFT DRIVER INSTALL**

<https://www.waveshare.com/wiki/3.5inch_RPi_LCD_(A)#Method_1._Driver_installation>

Wget <https://www.waveshare.com/w/upload/1/1e/LCD-show-180817.tar.gz>

**DRIVER extractor**

tar xvf LCD-show - \*. tar.gz

cd LCD-show/

chmod 777 LCD35-show

./LCD35-show

**HDMI & TOUCH DRIVER INSTALL**

<https://www.raspberrypi.org/forums/viewtopic.php?t=175616>

<https://www.raspberrypi.org/forums/viewtopic.php?t=175616>

sudo apt-get install xinput-calibrator

sudo nano /boot/config.txt

# Force use HDMI

hdmi\_force\_hotplug=1

# force a specific HDMI mode

hdmi\_group=2

hdmi\_mode=87

# custom display resolution (480x320 looks good , and 720x480 is not too bad too,3rd res is: 810x540 )

# /----------------- Width: 480px ( or 720px /or 810px)

# | /------------- Height: 320px ( or 480px /or 540px)

# | | /--------- Refresh: 60Hz

# | | | /------- Aspect ratio: 6=15:9 (1=4:3, 2=14:9, 3=16:9, 4=5:4, 5=16:10)

# | | | | /----- Margins: 0=disabled (1=enabled)

# | | | | | /--- Interlace: 0=progressive (1=interlaced)

# | | | | | | /- Reduced blanking: 0=normal (1=reduced)

# | | | | | | |

hdmi\_cvt 480 320 60 6 0 0 0

# uncomment to force a HDMI mode rather than DVI. This can make audio work in

# DMT (computer monitor) modes

hdmi\_drive=2

**CHROMIUM INSTALL**

<https://www.raspberrypi.org/forums/viewtopic.php?t=163316>

sudo apt-get install unclutter  
sudo apt-get install xdotool

sudo apt-get install chromium-browser –yes

**CHROMIUM AUTO START SETTING**

sudo nano ~/.config/lxsession/LXDE-pi/autostart

sudo -u pi chromium-browser --kiosk --incognito http://127.0.0.1 &

sudo nano /boot/config.txt

sudo reboot

