

## On-boot Advertisement on RPI

### For RPI SDCard:

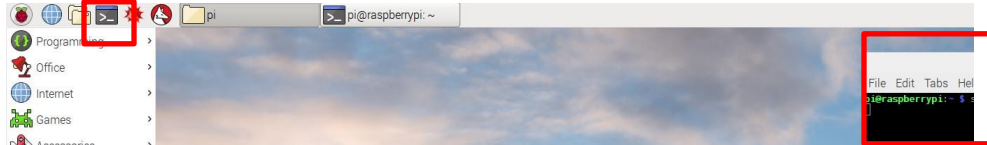
- Download raspbian image from the following link:
- <http://ftp.jaist.ac.jp/pub/raspberrypi/raspbian/images/raspbian-2017-04-10/>
- Use 8GB or above SD Card
- Do format your card first
- Download and run Win32DiskImager-install setup and follow the link
- <http://www.embeddedforu.com/tutorials/how-to-write-a-raw-disk-image-to-removable-storage-medium-using-win32diskimager/>
- Insert the card to RPI

### Configuring RPI to boot into your specified link:

On the first boot, connect to Wifi via entering password for internet access

Next,

After the first boot, click the symbol to open terminal,



This is the terminal

On terminal, copy and paste the following commands

- ```
- sudo apt-get install unclutter
- sudo apt-get install chromium
- sudo nano /boot/config.txt
```

Add the following lines in the end of the config.txt file and do not forget to change

framebuffer\_width=256 and framebuffer\_height=384 as we discussed

```
# 1900x1200 at 32bit depth, DMT mode
disable_overscan=1
framebuffer_width=1900
framebuffer_height=1200
framebuffer_depth=32
framebuffer_ignore_alpha=1
hdmi_pixel_encoding=1
hdmi_group=2
```

To save, press Ctrl+O,

Press Enter

To exit, Press Ctrl+X

Press Enter

Next, type

- ```
- sudo cp /etc/xdg/lxsession/LXDE-pi/autostart /home/pi/.config/lxsession/LXDE-pi/autostart
```

Then type this,

```
- sudo nano /home/pi/.config/lxsession/LXDE-pi/autostart
```

```
pi@raspberrypi:~ $ cp /etc/xdg/lxsession/LXDE-pi/autostart /home/pi/.config/lxsession/LXDE-pi/autostart
pi@raspberrypi:~ $ sudo nano /home/pi/.config/lxsession/LXDE-pi/autostart
```

You will see a file with some code, Put “#” in front of the following line

@xscreensaver -no-splash

while adding the remaining lines as follows

```
#@xscreensaver -no-splash # comment this line out to disable screensaver by typing “#”
@xset s off
@xset -dpms
@xset s noblank
@chromium-browser --incognito --kiosk http://yourhttplinkhere
```

Do not forget to replace your http link

Your final code will be something like this:

```
GNU nano 2.2.6 File: /home/pi/.config/lxsession/LXDE-pi/autostart

@lxpanel --profile LXDE-pi
@pcmanfm --desktop --profile LXDE-pi
#@xscreensaver -no-splash
@point-rpi
@xset s off
@xset -dpms
@xset s noblank
@chromium-browser --incognito --kiosk http://yourhttplinkhere/
```

To save, press Ctrl+O

Press Enter

To exit, Press Ctrl+X

Press Enter

```
- sudo reboot
```

Your Pi will now boot to the desired web http link 😊