

# Basic Command

## 한글

- `sudo apt install -y fonts-unfonts-core`
- `sudo apt install ibus-hangul`

## Windows와 폴더 공유

- 윈도우와 폴더를 공유하기 위한 samba 설치
- CIFS/Samba 설치
- 

```
sudo apt update
sudo apt install samba samba-common-bin smbclient cifs-utils
```

- <https://www.raspberrypi.org/documentation/remote-access/samba.md>
- Turn on sharing
- Share the folder
- Mount the folder on the Raspberry Pi
- Sharing a folder for use by Windows

## 해상도 & HDMI로 output sound

- `/boot/config.txt`
  -

```
# For more options and information see
# http://rpf.io/configtxt
# Some settings may impact device functionality. See link above for details

# uncomment if you get no picture on HDMI for a default "safe" mode
#hdmi_safe=1

# uncomment this if your display has a black border of unused pixels visible
# and your display can output without overscan
#disable_overscan=1

# uncomment the following to adjust overscan. Use positive numbers if console
# goes off screen, and negative if there is too much border
#overscan_left=16
#overscan_right=16
```

```

#overscan_top=16
#overscan_bottom=16

# uncomment to force a console size. By default it will be display's size minus
# overscan.
#framebuffer_width=1280 <--- 여기는 정해지면 디폴트로 정의
#framebuffer_height=720 <--

# uncomment if hdmi display is not detected and composite is being output
hdmi_force_hotplug=1 <--

# uncomment to force a specific HDMI mode (this will force VGA)
hdmi_group=2 <--
hdmi_mode=70 <--- 여기는 표를 보고 맞춤 안방은 70

# uncomment to force a HDMI mode rather than DVI. This can make audio work in
# DMT (computer monitor) modes
hdmi_drive=2 <--

# uncomment to increase signal to HDMI, if you have interference, blanking, or
# no display
#config_hdmi_boost=4

# uncomment for composite PAL
#sdtv_mode=2

#uncomment to overclock the arm. 700 MHz is the default.
#arm_freq=800

# Uncomment some or all of these to enable the optional hardware interfaces
dtparam=i2c_arm=on
#dtparam=i2s=on
dtparam=spi=on

# Uncomment this to enable infrared communication.
#dtoverlay=gpio-ir,gpio_pin=17
#dtoverlay=gpio-ir-tx,gpio_pin=18

# Additional overlays and parameters are documented /boot/overlays/README

# Enable audio (loads snd_bcm2835)
dtparam=audio=on

[pi4]
# Enable DRM VC4 V3D driver on top of the dispmanx display stack
dtoverlay=vc4-fkms-v3d
max_framebuffers=2

[all]
#dtoverlay=vc4-fkms-v3d
start_x=1
gpu_mem=512
enable_uart=1
dtoverlay=w1-gpio

```

## wlan setting

.

```
#!/bin/bash

echo
echo '##### START KKo KKo Rack #####'
echo

wpa_cli -i wlan0 list_networks

if [ -z "$1" ]; then
    echo " > No parameter "
    exit 0;
fi

SID=$(wpa_cli -i wlan0 list_networks | grep $1 | cut -f 1)
echo " > Input SID is " $1 ", SID number = " $SID

echo "Setting Wlan0 ... ."
wpa_cli -i wlan0 select_network $SID
sleep 1
echo " > DONE = " $SID

echo
echo '##### STARTed KKo KKo Rack #####'
echo
```

# Sound Streaming

◦

```
cvlc -vvv alsa://plughw:2 --sout '#transcode{acodec=mp3,ab=64,channels=1}:standard
```

- <http://web.joang.com:8080/out.mp3>
- <https://hobbylad.wordpress.com/2017/04/26/raspberry-pi-system-audio-redirection-over-network/>

🕒Revision #1

★Created 1 June 2023 04:14:30 by Hyeon Su Ryu

✎Updated 1 June 2023 04:16:02 by Hyeon Su Ryu