How to Start

Please follow this tutorial to set up the screen.

Or the screen will not work well.

Get Support

When there are packaging damage, quality problems, questions encountering in use, etc., just send us an email. We will reply to you within one working day and provide a solution.

support@freenove.com

About

Freenove provides open source electronic products and services. We are committed to helping customers learn programming and electronic knowledge, quickly implement product prototypes, realize their creativity and launch innovative products. Our services include:

- Kits for learning programming and electronics
- Kits compatible with Arduino®, Raspberry Pi®, micro:bit®, etc.
- Kits for robots, smart cars, drones, etc.
- Components, modules and tools
- Design and customization

To learn more about us or get our latest information, please visit our website:
http://www.freenove.com

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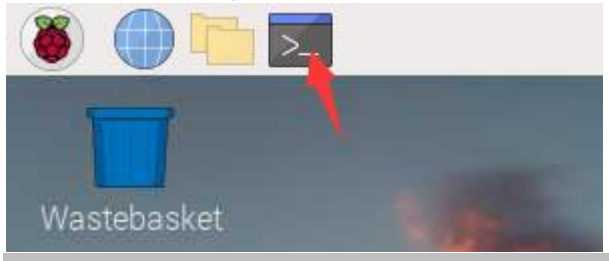
Raspberry Pi OS

Configure Raspberry Pi.

1. After writing OS, insert Micro SD card to Raspberry Pi. Connect the screen, keypad and mouse to Raspberry Pi. Power on Raspberry Pi.
2. Afer Raspberry Pi boots, execute following commands in the terminal one by one:



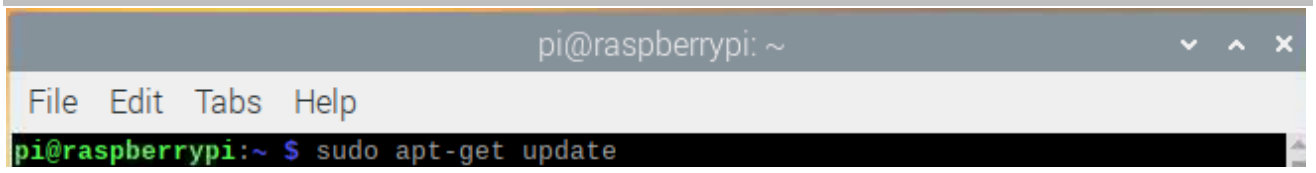

```
git clone https://github.com/Freenove/Freenove_Touchscreen_Monitor
cd ~/Freenove_Touchscreen_Monitor
python screenConfig.py
sudo reboot
```

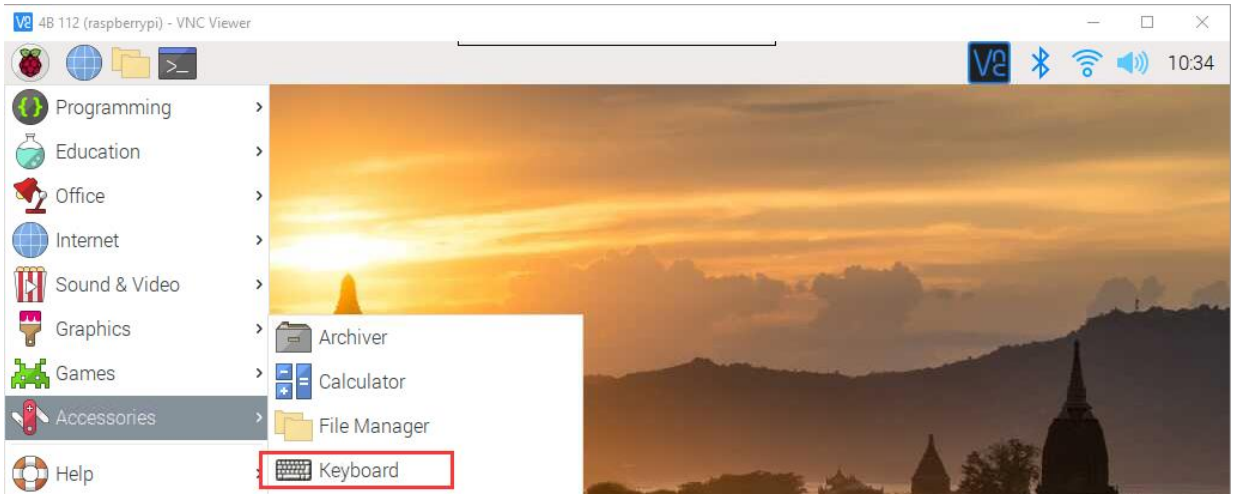
If you have any concerns, please contact us at email: **support@freenove.com**

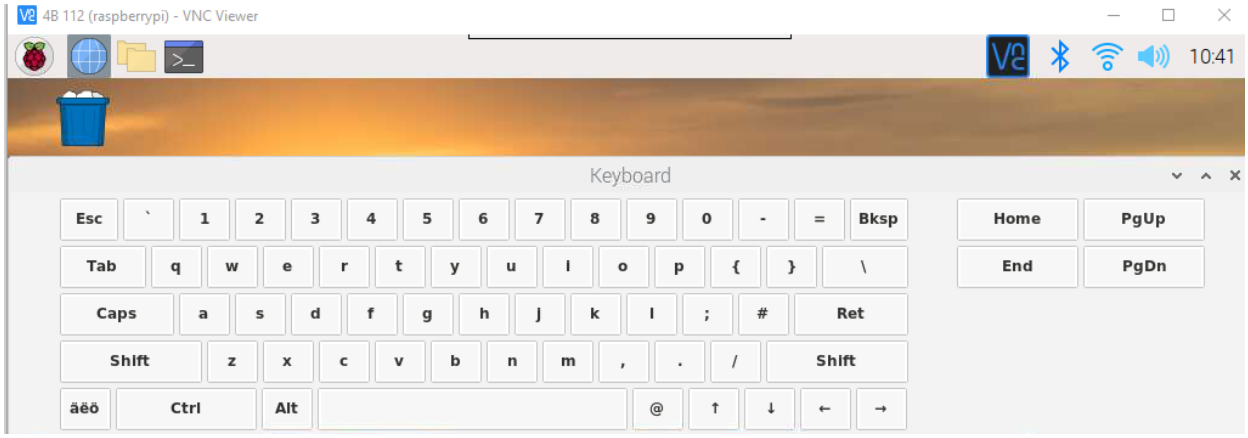
Use screen in Raspberry Pi OS

Execute the following commands in terminal to install a virtual keyboard.

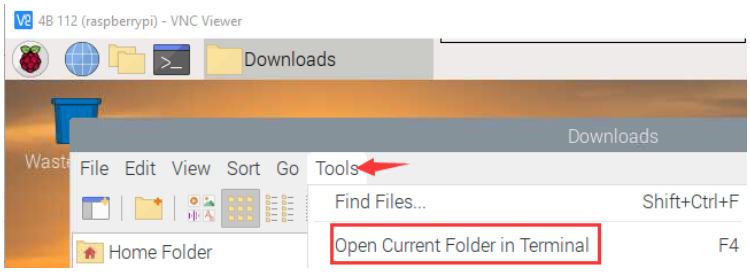
```
sudo apt-get update
sudo apt-get install matchbox-keyboard
sudo reboot
```







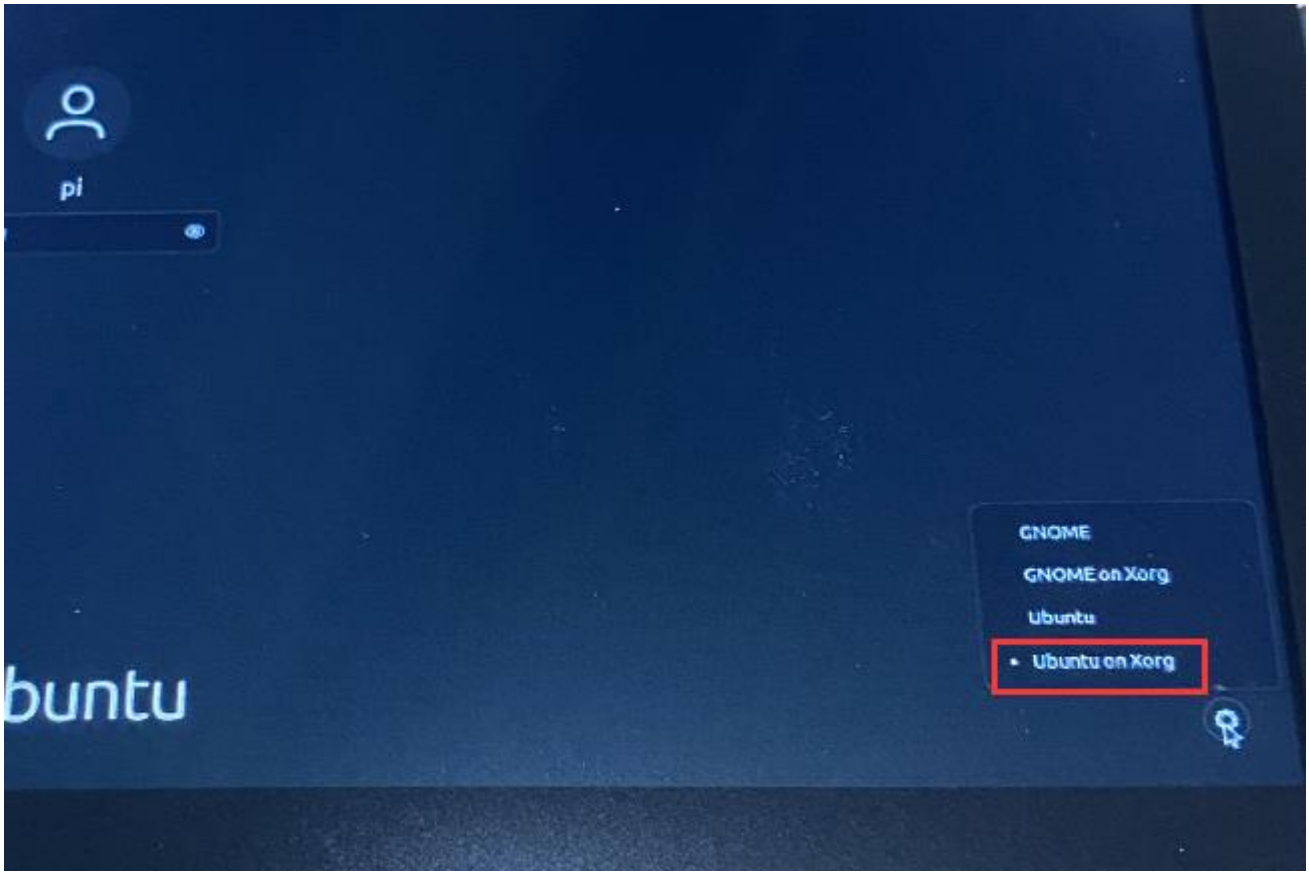
In Raspberry Pi, long press won't show the options, but it will in Windows system, which functions as right-clicking a mouse. You can also open a path in Terminal as follows:



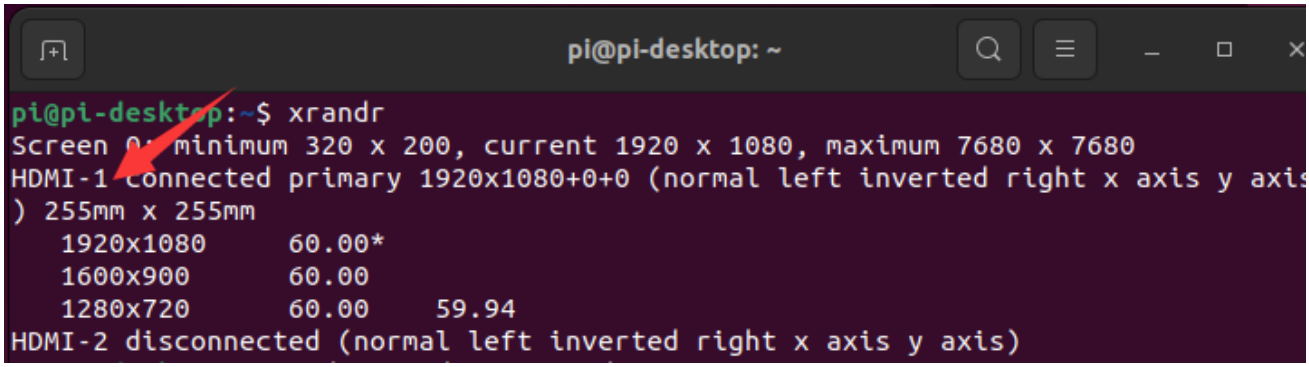
Ubuntu

The boot screen may be abnormal, but everything works normally after the system is fully booted.

Select this system when login:



Check with xrandr. If there is HDMI-1, it works.



Set resolution to 1024*600.

cvt 1024 600

xrandr --newmode "1024x600_60.00" 49.00 1024 1072 1168 1312 600 603 613 624 -hsync +vsync

xrandr --addmode HDMI-1 "1024x600_60.00"

Open profile.

sudo gedit /etc/profile

Add following content at the end. And save modification.

xrandr --newmode "1024x600_60.00" 49.00 1024 1072 1168 1312 600 603 613 624 -hsync +vsync

xrandr --addmode HDMI-1 "1024x600_60.00"

Setting->Display->Resolution 1024x600

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