

Configure srpi-config

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1. Open

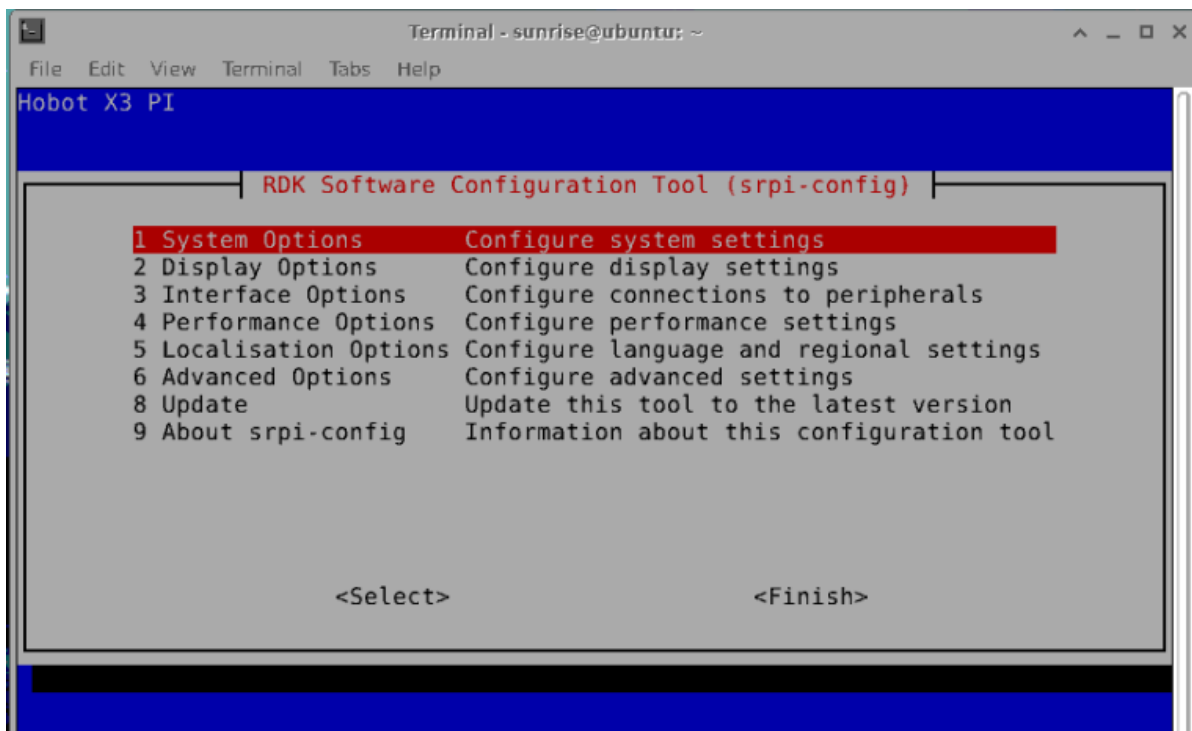
- Open command line

`srpi-config` is a system configuration tool.

Input following command in the command line to open the configuration tool.

```
sudo srpi-config
```

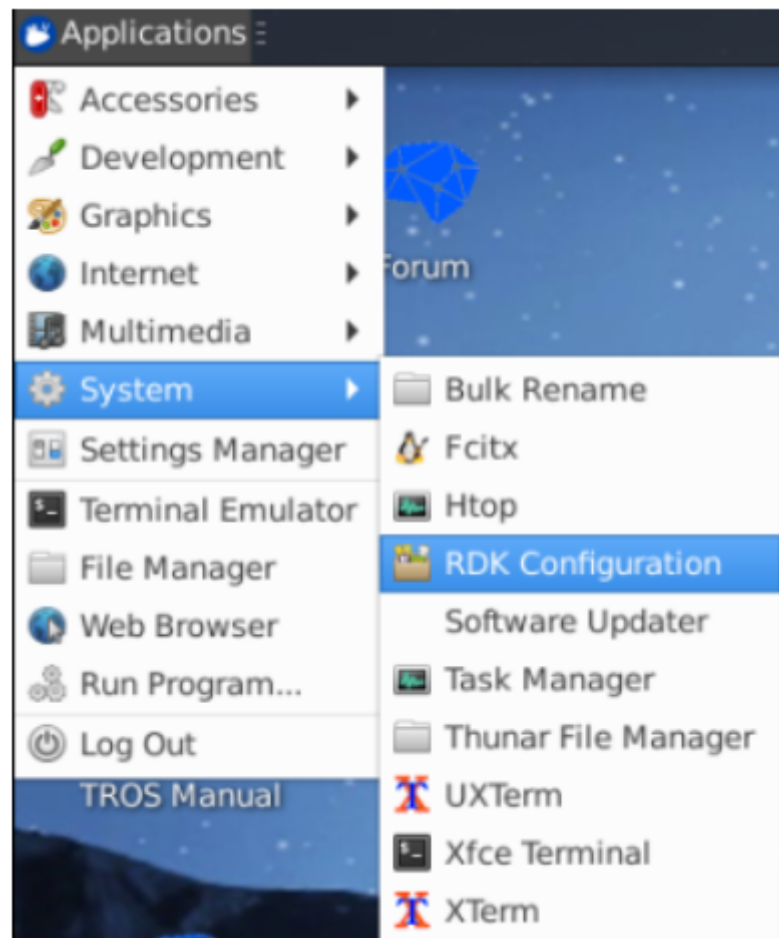
`sudo` is a privilege escalation management command. It must be entered here so that you can perform configuration management with root privileges. The default sunrise account does not have system file modification permissions.



- Open the desktop

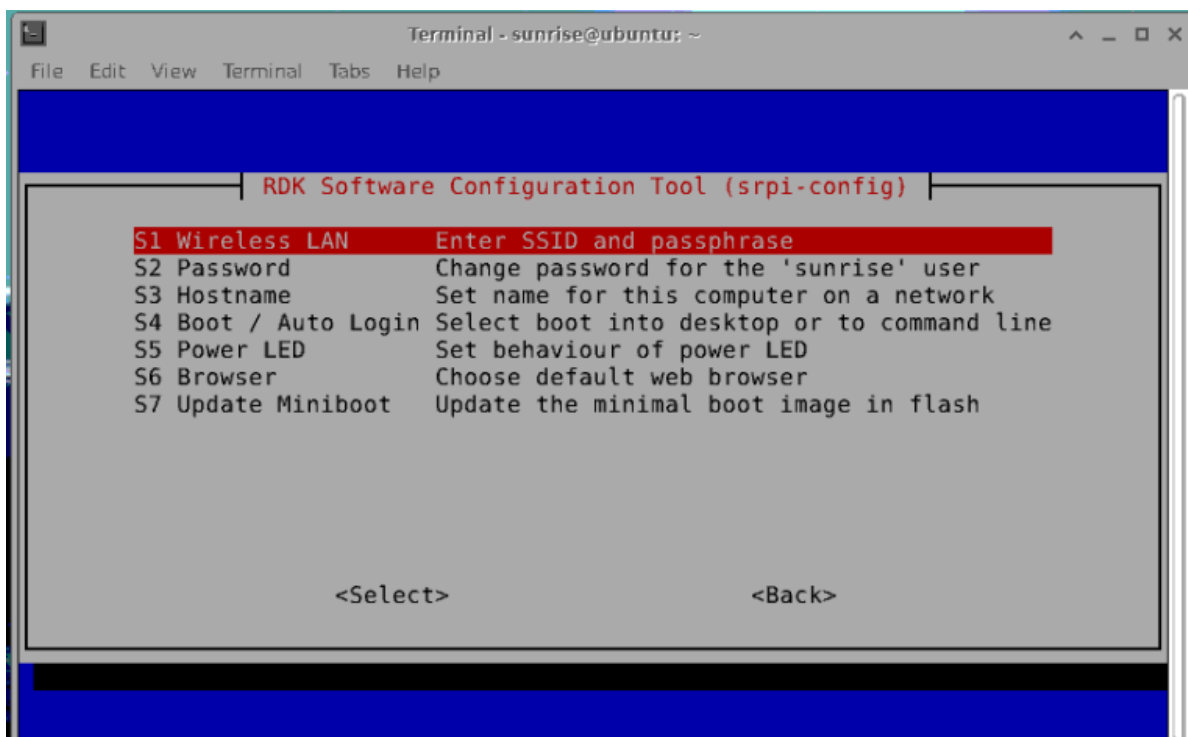
If you are using a desktop system, you can find the `RDK Configuration` application in the menu to configure it.

The configuration terminal will also open as shown above.



2. System Options

The system options menu allows configuration changes to various parts of the Wi-Fi network, user passwords, hostnames, system login mode, browser selection, and some system-level changes.



- **Wireless LAN**

Set the SSID and password of your wireless network.

- **Password**

Change the "default" user password. The default account is `sunrise`.

- **Hostname**

Set the visible name of the current device on the network.

- **Boot / Auto login**

Choose whether to boot to the console or desktop, and whether to log in automatically.

If you choose to log in automatically, you will be logged in as the system default account `sunrise`.

- **Power LED**

If your RDK model allows it, you can change the behavior of the power LED in this option. The default is off or blinking.

- **Browser**

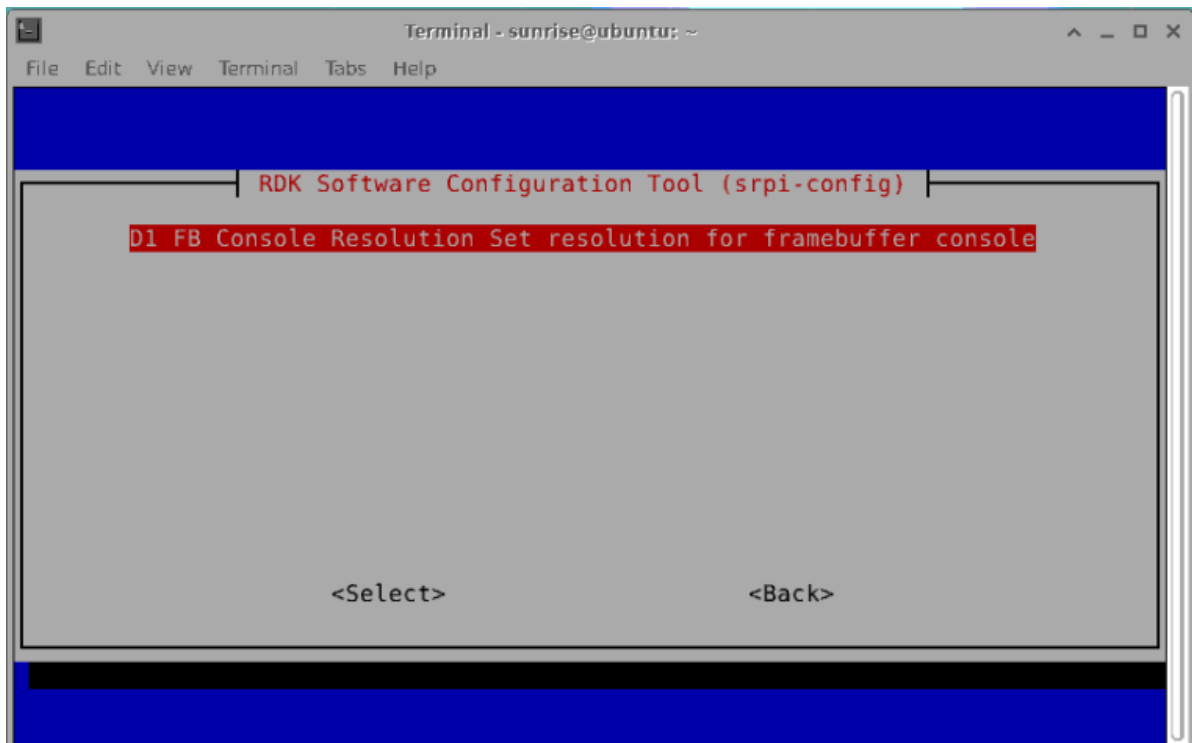
If you are using a desktop system, you can set the default browser. If not configured, `firefox` is used by default. Users can install the `chromium` browser through the command `sudo apt install chromium`.

- **Update Miniboot**

Updates the minimal boot image in flash memory.

3. Display Options

Displays the options menu.

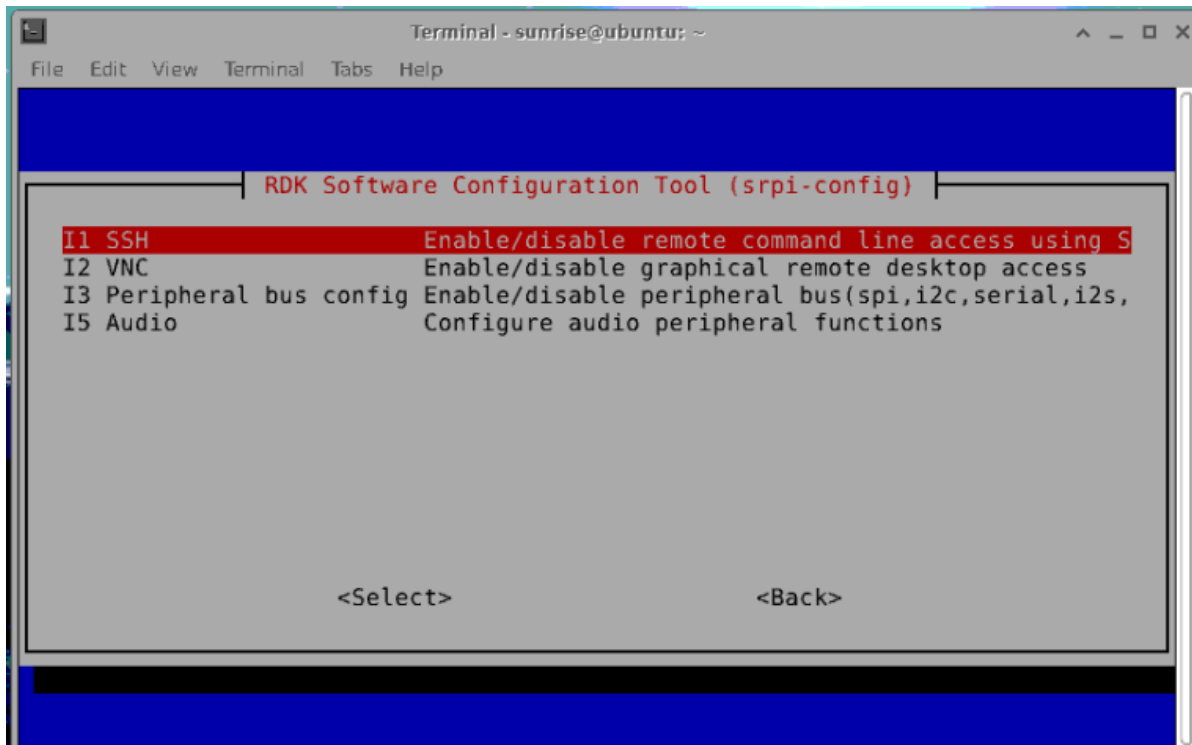


- **FB Console Resolution**

Support setting HDMI display resolution in `Server` system and `console` mode.

4. Interface Options

Interface options menu, with the following options to enable/disable: SSH, VNC, SPI, I2C, I2S, Serial and other functions.



- **SSH**

Enable/disable remote login to the RDK using SSH. By default, SSH is enabled.

- **VNC**

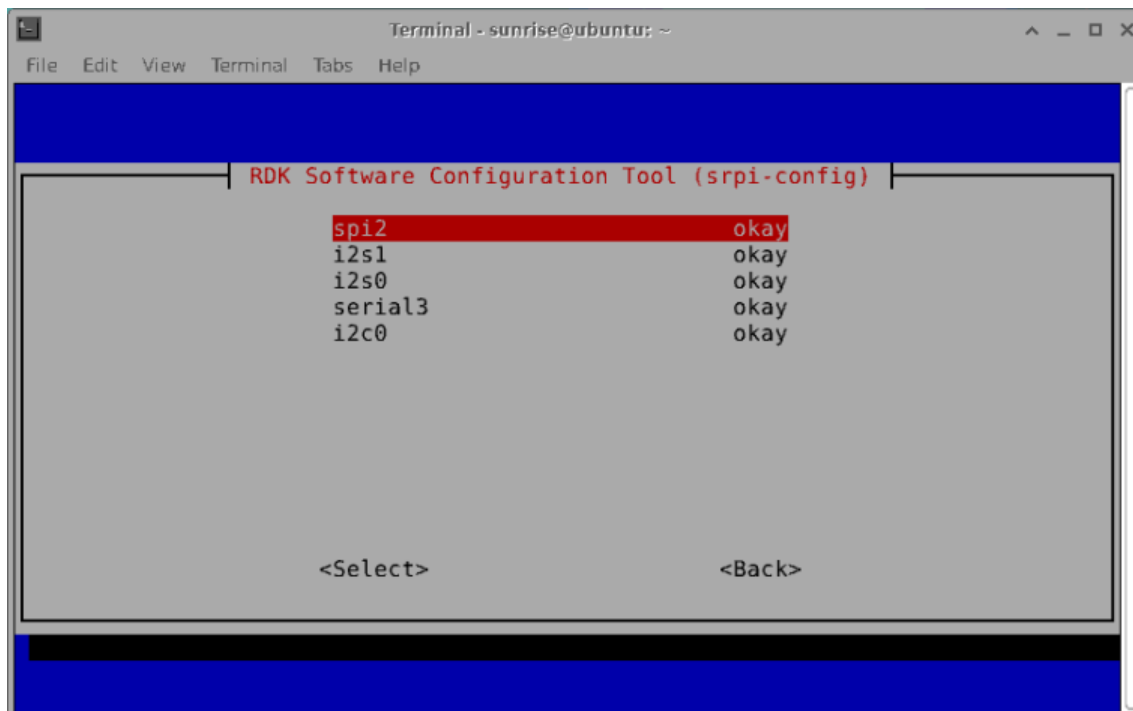
Enable/disable the X11vnc virtual network computing server.

VNC (Virtual Network Console) is the abbreviation of Virtual Network Console. It is a remote control software that can be enabled when remotely accessing a desktop system.

- **Peripheral bus config**

Enable/disable SPI, I2C, Serial Port, I2S and other interfaces on the 40pin interface.

This configuration method will directly modify the `status` of the corresponding bus in the device tree file used, and will take effect after restart.

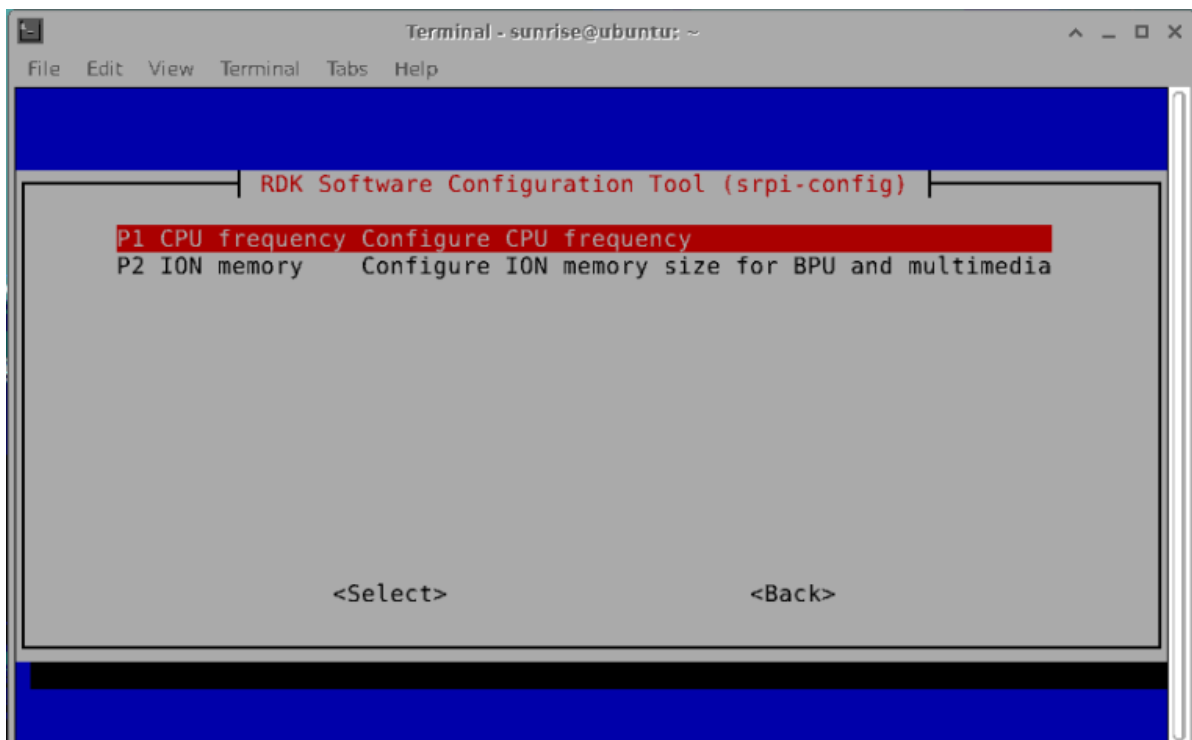


- **Audio**

Configuring audio peripheral functions

5. Performance Options

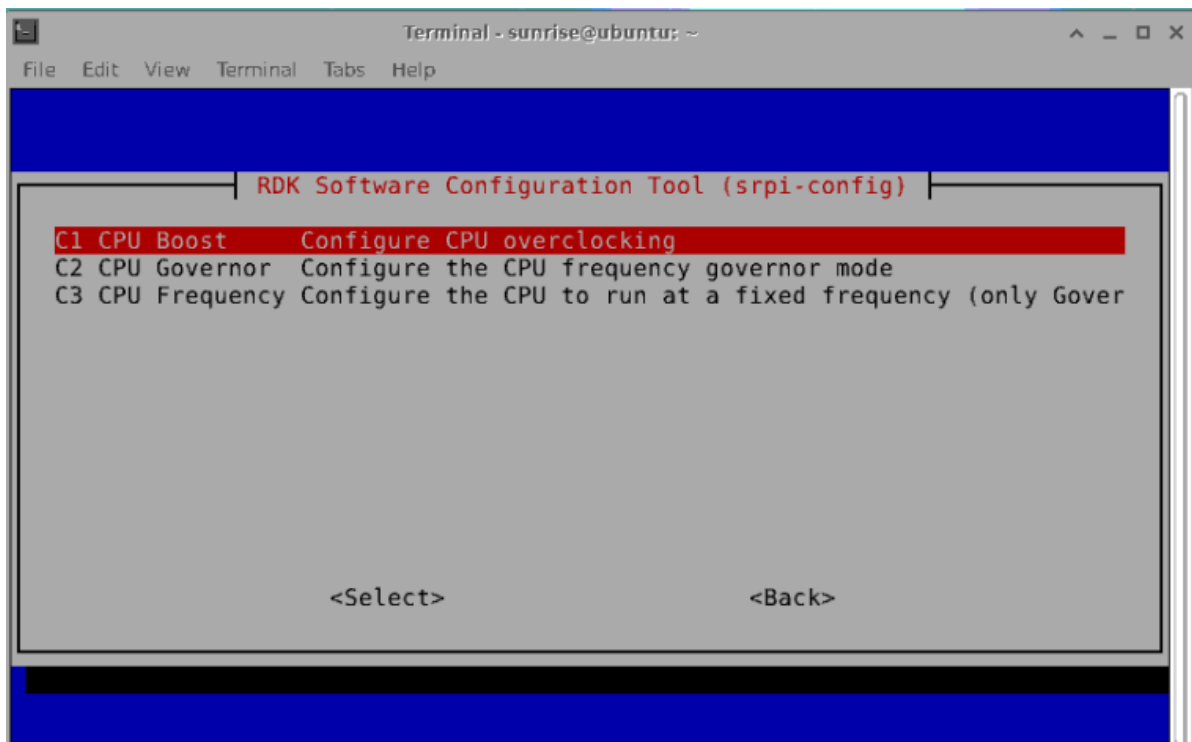
Performance options, including overclocking, CPU operating mode and fixed frequency settings, adjusting ION memory size, etc.



- **CPU frequency**

You can use this tool to overclock the CPU of the RDK. It is generally not recommended to enable it.

If you have done a good job of cooling, you can try to modify this option.



- **ION memory**

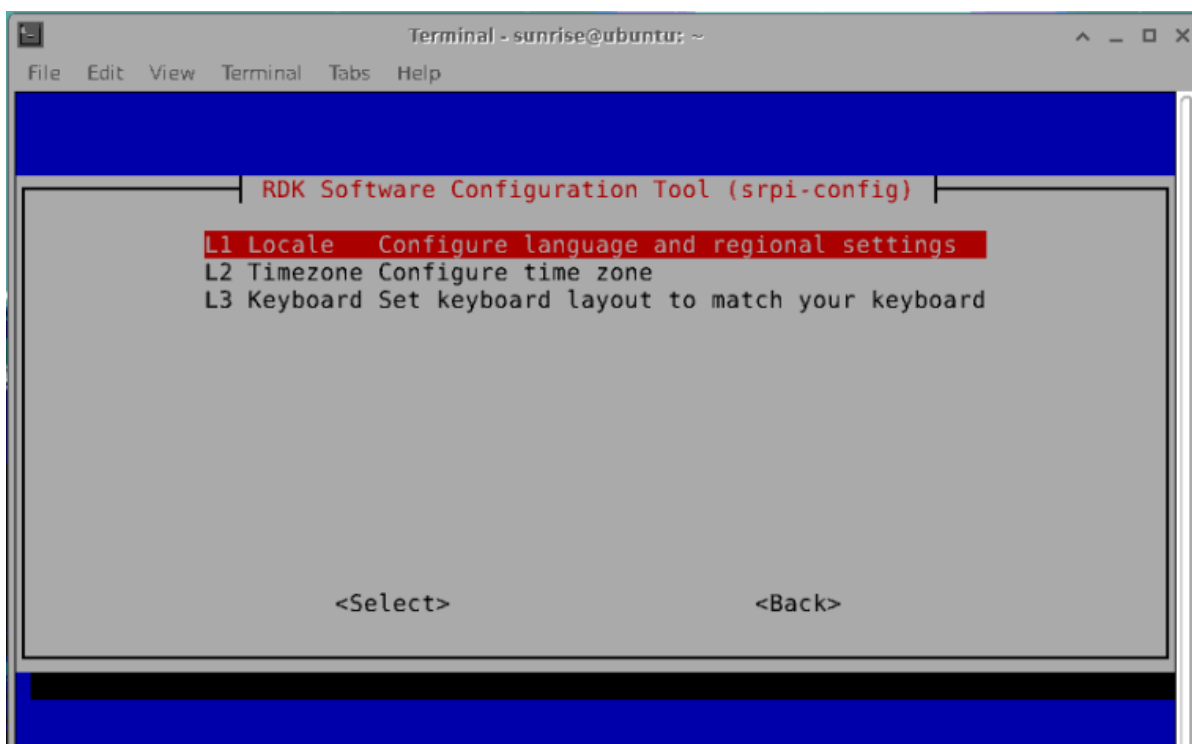
This option allows you to configure the usual size of ION memory.

ION memory is the physical memory space reserved for BPU and image and video multimedia functions.

The default configuration size is 672MB. If you need to run a larger algorithm model and encode and decode multiple videos at the same time, please adjust the memory size according to specific needs.

6. Localisation Options

Localization options provide you with the following options to choose from: local language, time zone, keyboard layout.



- **Locale**

Select a language environment, for example, configure the Chinese environment `zh_CN.UTF-8`, and restart to take effect.

- **Time Zone**

Select your local time zone, starting with a region, such as Asia, and then selecting a city, such as Shanghai.

Type a letter to jump down the list to that point in the alphabet.

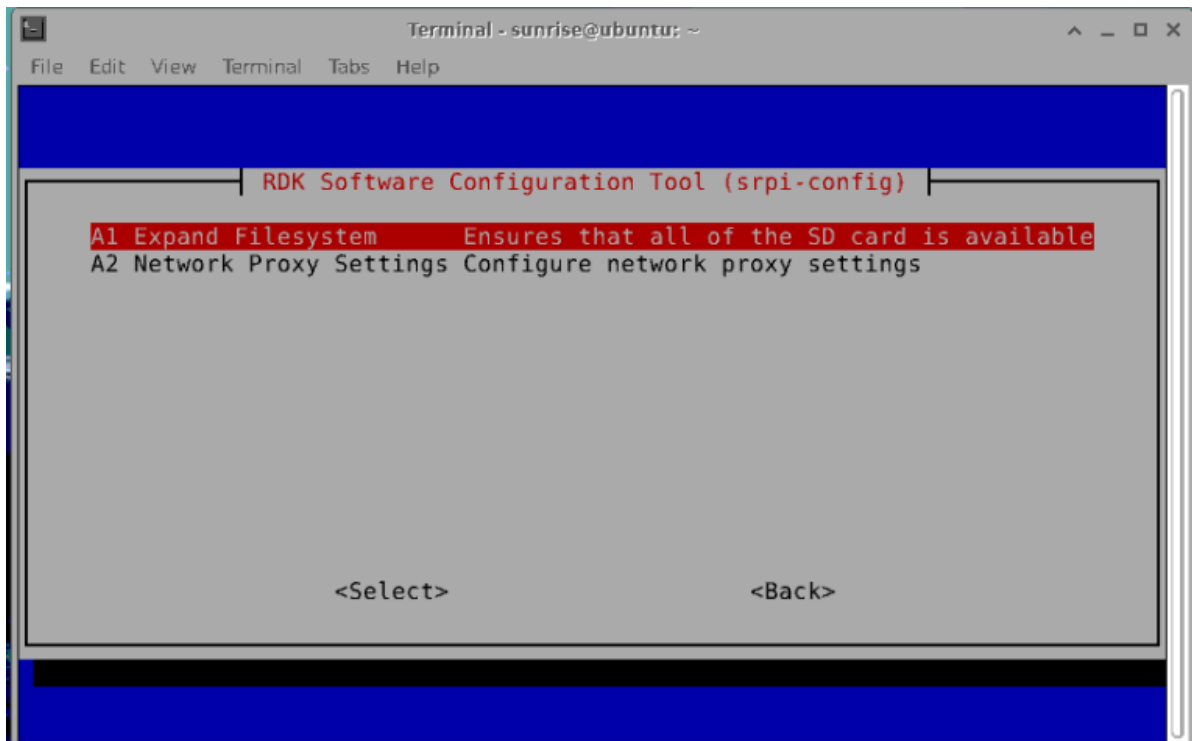
- **Keyboard**

It takes a long time to read all keyboard types before they appear.

Changes usually take effect immediately, but a reboot may be required.

7. Advanced Options

Advanced options allow you to set options such as disk expansion and network proxy.



- **Expand Filesystem**

This option will expand the installation to fill the entire TF card, providing more space for the file system.

If the system is copied from another system that has completed initialization configuration, the system's TF card capacity may not be automatically adjusted to the current TF card capacity.

This function can be used to easily complete the expansion.

- **Network Proxy Settings**

Configure the proxy settings for your network.

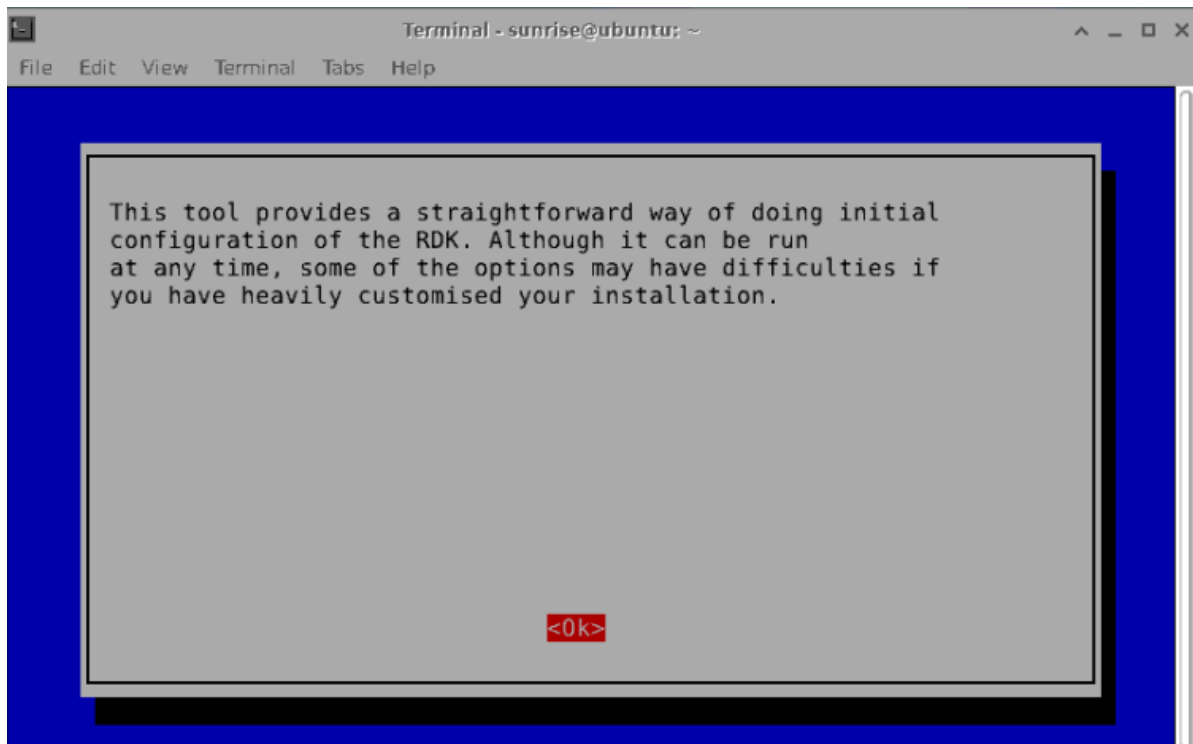
8. Update

Updated the `srpi-config` tool to the latest version.

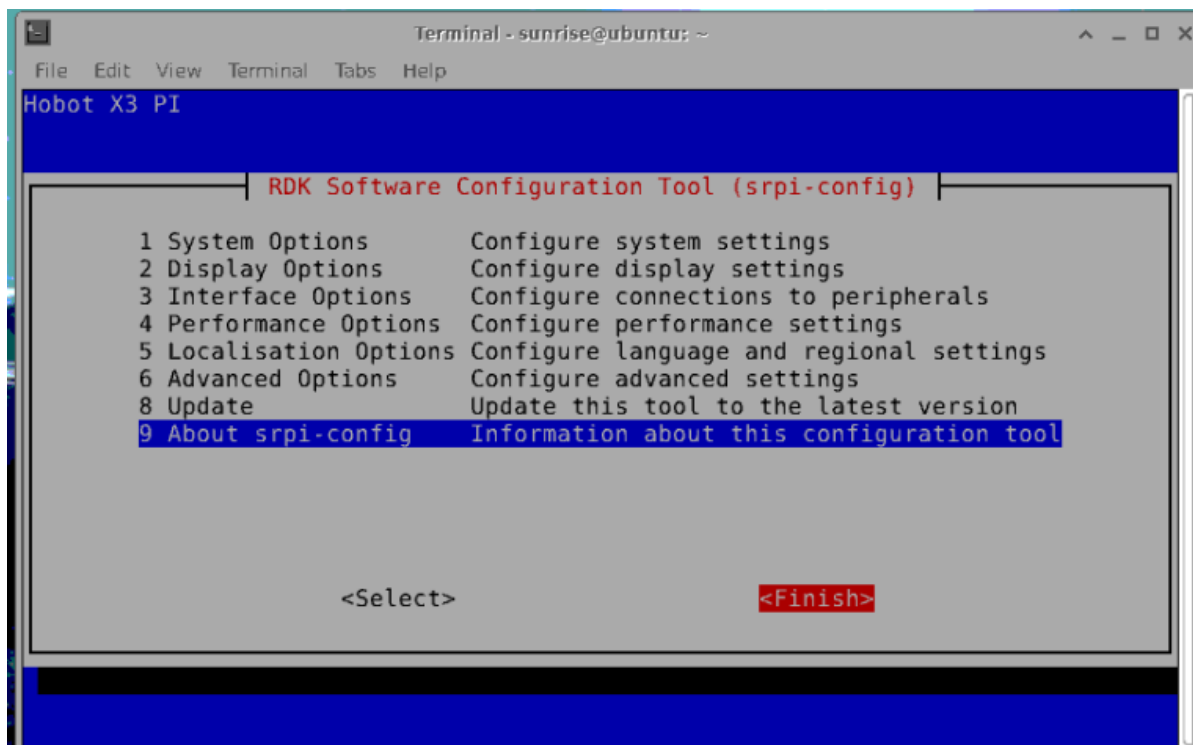
9. About srpi-config

Information about `srpi-config`

Selecting this option displays the following information.



10. Finish button



Select the `Finish` button when you have completed the changes.

You will be asked if you want to reboot. It is best to reboot for the first time.

