

Introduction to raspi-config tool

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[Open](#)

[Option list](#)

[System Options](#)

[Display Options](#)

[Interface Options](#)

[Performance Options](#)

[Localization Options](#)

[Advanced Options](#)

[Update](#)

[About raspi-config](#)

raspi-config is a pre-installed configuration tool in the Raspberry Pi OS;

raspi-config provides a simple and convenient command line interface to manage the configuration of the Raspberry Pi system, allowing users to easily customize and optimize their system settings.

If you are using the Raspberry Pi desktop system, you can directly configure the Raspberry Pi system in the applications menu in the upper left corner of the desktop!

Open

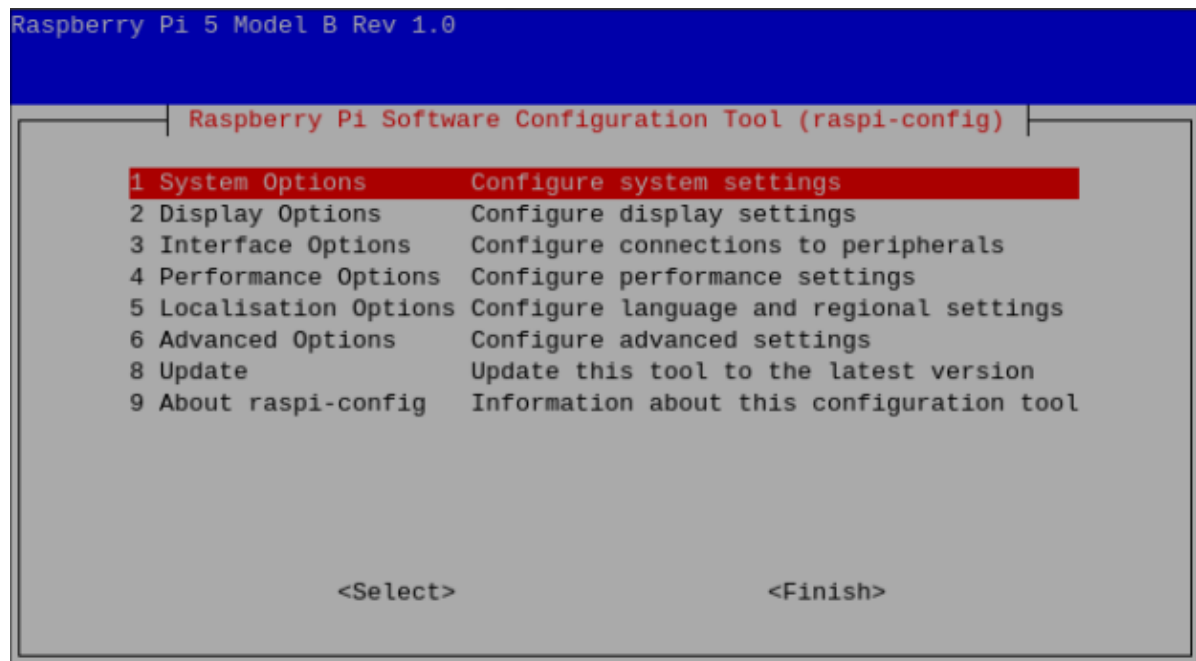
To open the raspi-config tool, run the following command in the terminal:

```
sudo raspi-config
```

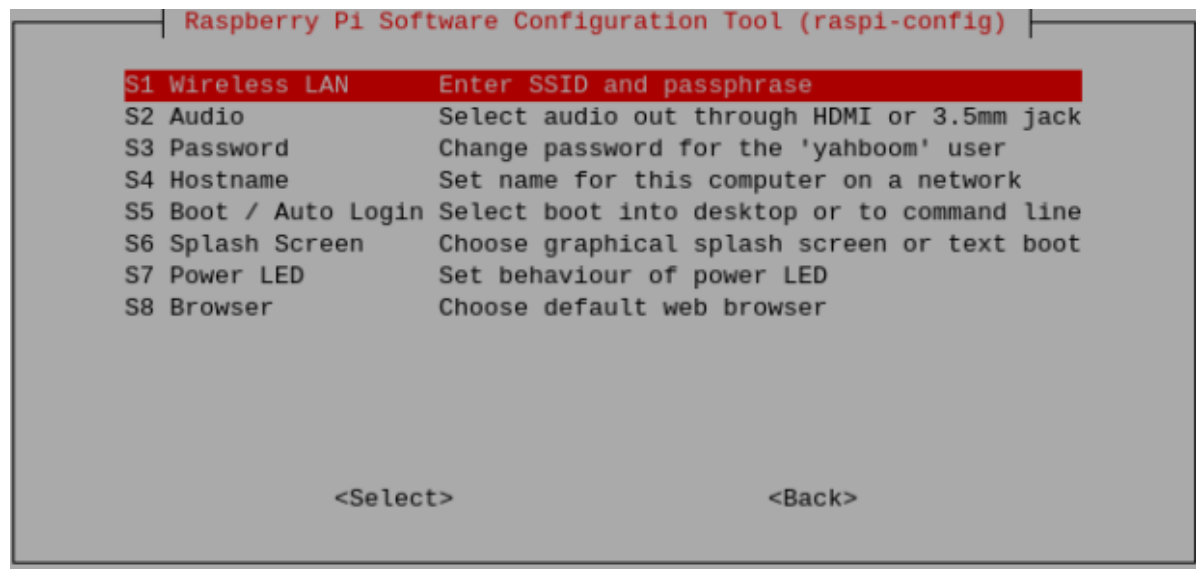
```
pi@raspberrypi:~ $ sudo raspi-config
```

Option list

Since the version of the raspi-config tool will be continuously updated, the following option list may not be exactly the same.



System Options



- **Wireless LAN**

Set the wireless LAN SSID and password.

- **Audio**

Specify the audio output destination.

- **Password**

Change the "default" user password.

- **Hostname**

Set the visible name of this Raspberry Pi on the network.

- **Boot/Autologin**

Choose whether to boot to the console or desktop, and whether login is required.

- **Initial Screen**

Enable or disable the content displayed at startup. You can turn on/off this feature to observe the Raspberry Pi startup screen.

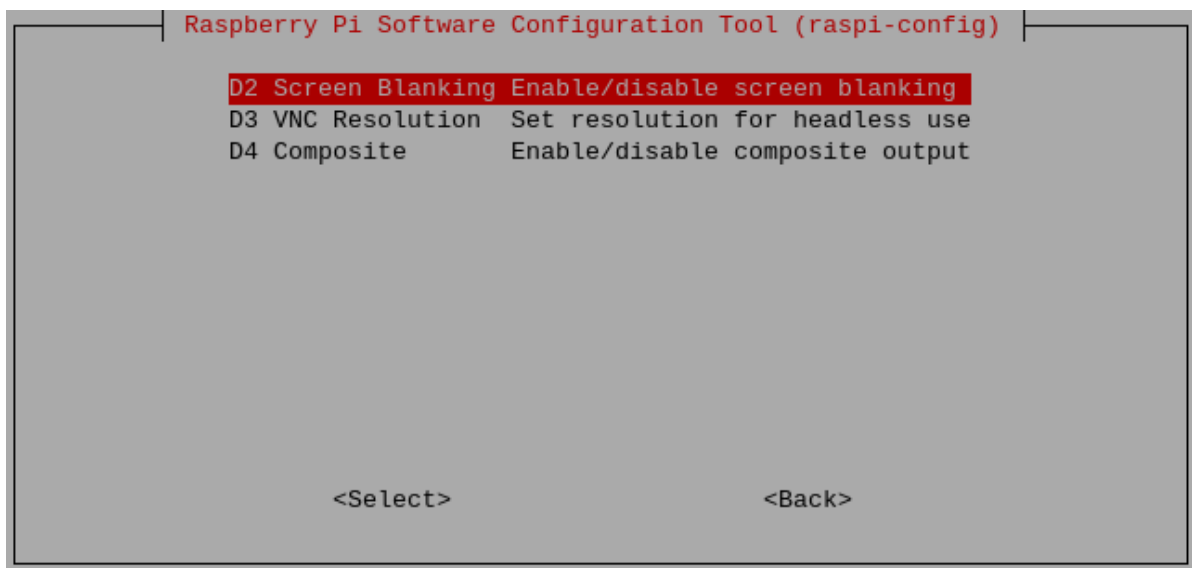
- **Power Indicator**

Raspberry Pi 5 does not currently support changing the power indicator option.

- **Browser**

Set the default browser options.

Display Options



- **Screen Off**

Enable or disable the screen off.

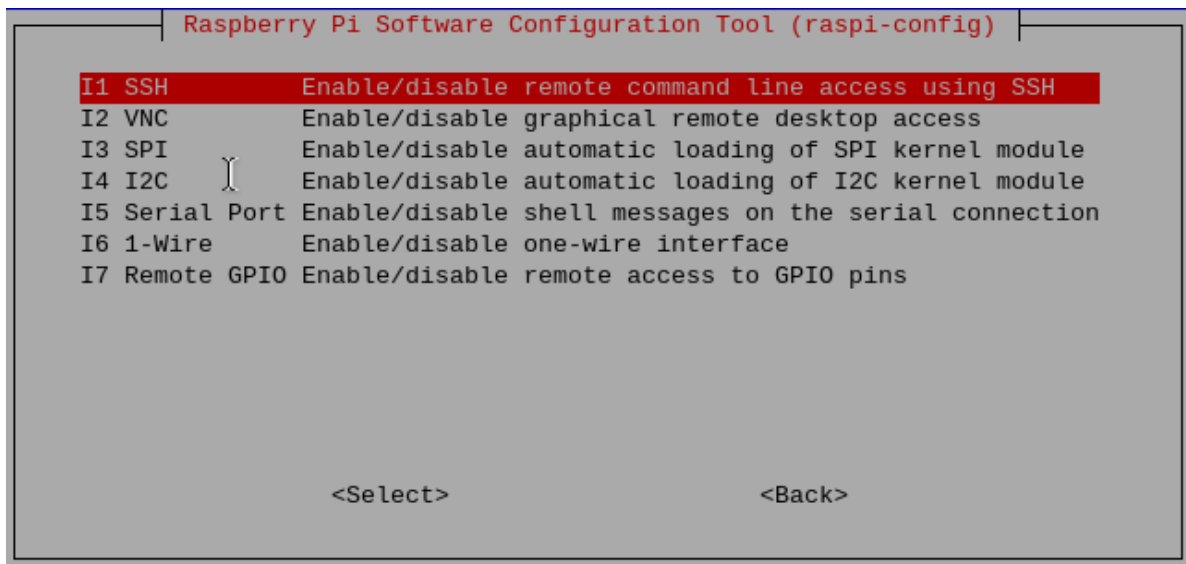
- **VNC Resolution**

The resolution of the remote display when there is no monitor.

- **Composite**

Set the video output to be transmitted through the composite video output port.

Interface Options



- **SSH**

Enable/disable SSH, which is remote command line access to the Raspberry Pi.

- **VNC**

Enable/disable the WayVNC or RealVNC virtual network computing servers.

- **SPI**

Enable/disable the SPI interface and automatic loading of the SPI kernel module.

- **I2C**

Enable/disable the I2C interface and automatic loading of the I2C kernel module.

- **Serial Ports**

Enable/disable shell and kernel messages on serial connections.

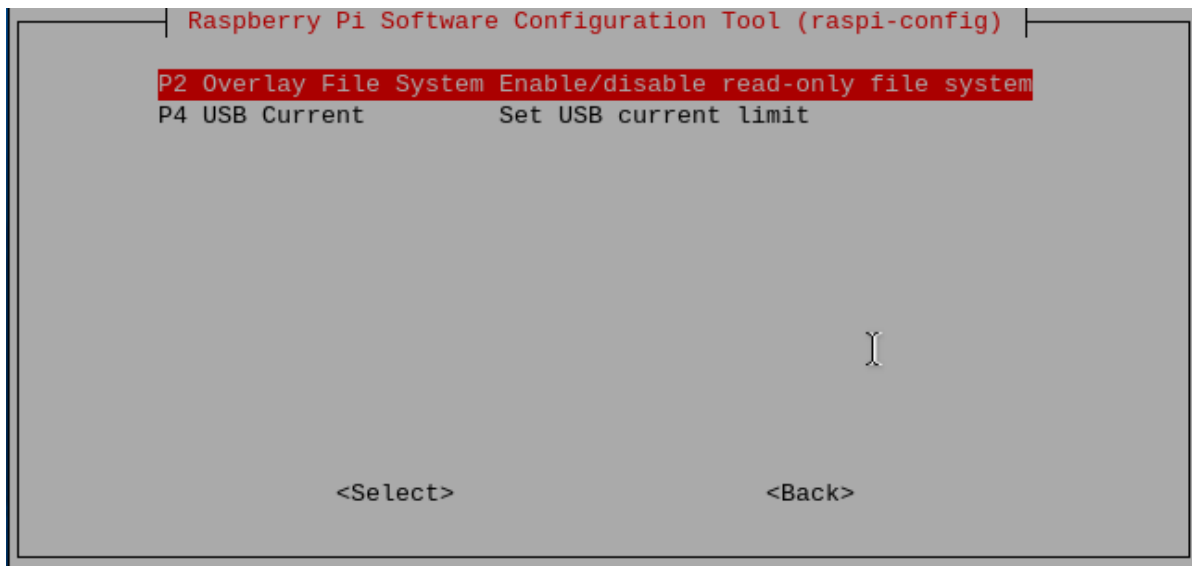
- **1-Wire**

Enable/disable the Dallas 1-wire interface. This is commonly used for DS18B20 temperature sensors.

- **Remote GPIO**

Enable or disable remote access to GPIO pins.

Performance Options



- **Overlay Filesystem**

Enable or disable read-only filesystem.

- **USB Current**

Set the current output of the USB interface.

Localization Options



- **Region**

Select a region.

- **Time Zone**

Select a local time zone.

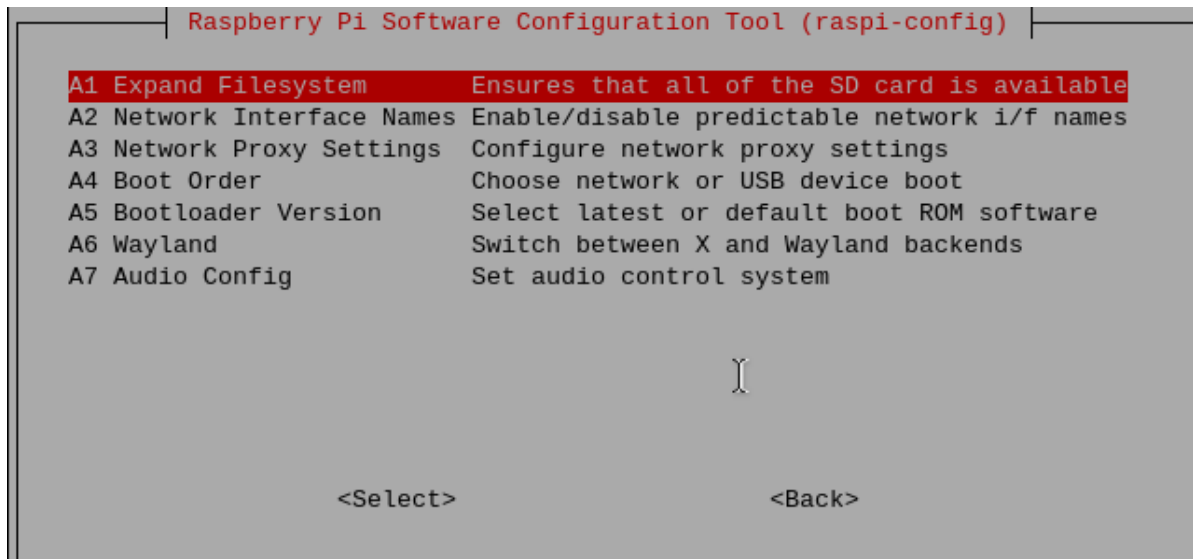
- **Keyboard**

Select a keyboard layout.

- **WLAN Country**

Set the country/region for the wireless network.

Advanced Options



- **Extend Filesystem**

Extend SD card partition.

- **Network Interface Names**

Enable or disable predictable network interface names.

- **Network Proxy Settings**

Configure proxy settings for your network.

- **Boot Order**

Choose between SD card, USB, or network boot.

- **Bootloader Version**

Latest boot ROM software; restore to factory defaults if latest version causes problems.

- **Wayland**

Use this option to switch between X11 and Wayland backends.

- **Audio Configuration**

Use this option to switch between PulseAudio and PipeWire audio backends.

Update

Update this tool to the latest version.

About raspi-config

This tool provides a straightforward way of doing initial configuration of the Raspberry Pi. Although it can be run at any time, some of the options may have difficulties if you have heavily customised your installation.

Version: 20231108

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<Ok>

The above is an introduction to the options involved in the raspi-config tool!