# Introduction to raspi-config tool

#### Introduction to raspi-config tool

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About raspi-config

raspi-config is a pre-installed configuration tool in 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 a Raspberry Pi desktop system, you can configure the Raspberry Pi system directly in the applications menu in the upper left corner of the desktop!

# Open

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

sudo raspi-config

pi@raspberrypi:~ \$ sudo raspi-config

# **Options list**

Since versions of the raspi-config tool are constantly being updated, the following list of options may not be exactly the same.

	Raspberry Pi Softwa	are Configuration Tool (raspi-config)
2 3 4 5 6 8	Display Options Interface Options Performance Options Localisation Options Advanced Options Update	Configure system settings Configure display settings Configure connections to peripherals Configure performance settings Configure language and regional settings Configure advanced settings Update this tool to the latest version Information about this configuration tool
	<select></select>	<finish></finish>

# **System options**

S1	Wireless LAN	Enter SSID and passphrase
S2	Audio	Select audio out through HDMI or 3.5mm jack
S3	Password	Change password for the 'yahboom' user
S4	Hostname	Set name for this computer on a network
S5	Boot / Auto Login	Select boot into desktop or to command line
S6	Splash Screen	Choose graphical splash screen or text boot
S7	Power LED	Set behaviour of power LED
S8	Browser	Choose default web browser
	<select< td=""><td><pre>&lt;&gt; <back></back></pre></td></select<>	<pre>&lt;&gt; <back></back></pre>

### • Wireless LAN

Set wireless LAN SSID and password.

### • Audio

Specify the audio output destination.

### • password

Change the "default" user password.

### • CPU name

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

#### • Start/auto login

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

#### • Initial screen

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

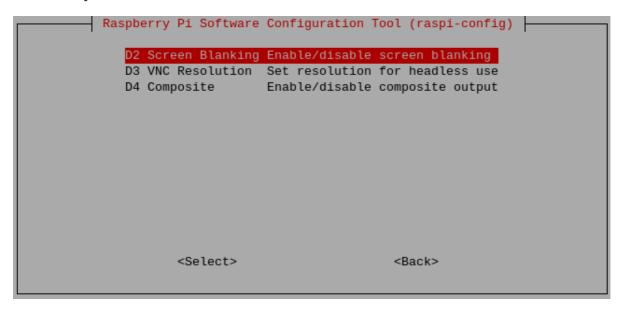
#### • Power Indicator

Raspberry Pi 5 currently does not support changing power indicator options.

#### • Browser

Set default browser options.

## **Show options**



#### • Screen pause

Enable or disable screen snooze.

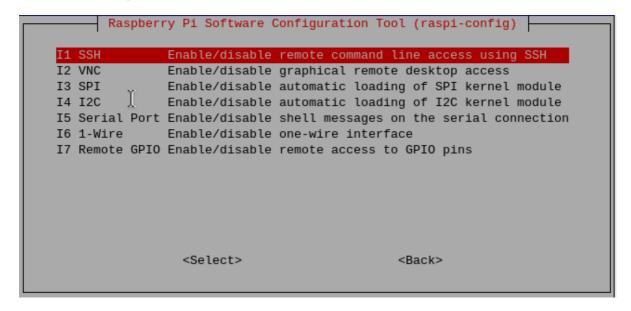
#### • VNC Resolution

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

### • Compound

Set the video output to pass 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 WayVNC or RealVNC virtual network computing server.

#### • SPI

Enable/disable automatic loading of SPI interface and SPI kernel modules.

#### I2C

Enable/disable automatic loading of I2C interface and I2C kernel modules.

### • Serial port

Enable/disable shell and kernel messages on serial connections.

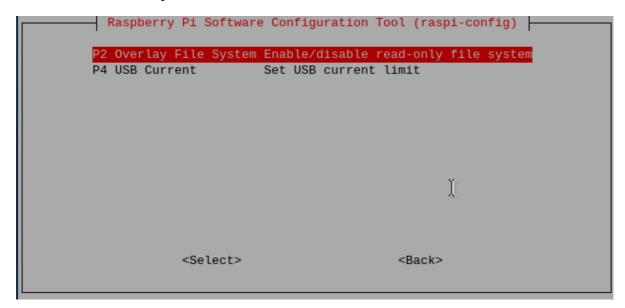
#### • 1-Wire

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

#### • Remote GPIO

Enable or disable remote access to GPIO pins.

## **Performance options**



Overwrite file system

Enable or disable read-only file systems.

• USB current

Set the current output of the USB interface.

# **Localization options**



area

select area.

• Time zone

Select your local time zone.

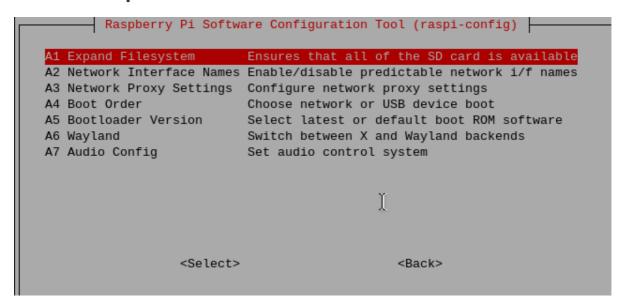
Keyboard

Choose a keyboard layout.

#### WLAN Country

Set the country for your wireless network.

## advanced options



### • Expand file system

Extend SD card partition.

#### Network interface name

Enable or disable predictable network interface names.

### Network proxy settings

Configure proxy settings for your network.

#### • Startup sequence

Choose SD card, USB or network boot.

#### Bootloader version

Latest boot ROM software; revert to factory defaults if latest version causes issues.

#### Wayland

Use this option to switch between X11 and Wayland backends.

### • Audio configuration

Use this option to switch between the 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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The above is an introduction to the options involved in the raspi-config tool!