Guide V1.0

Getting start guide for Elecrow Starter Kit

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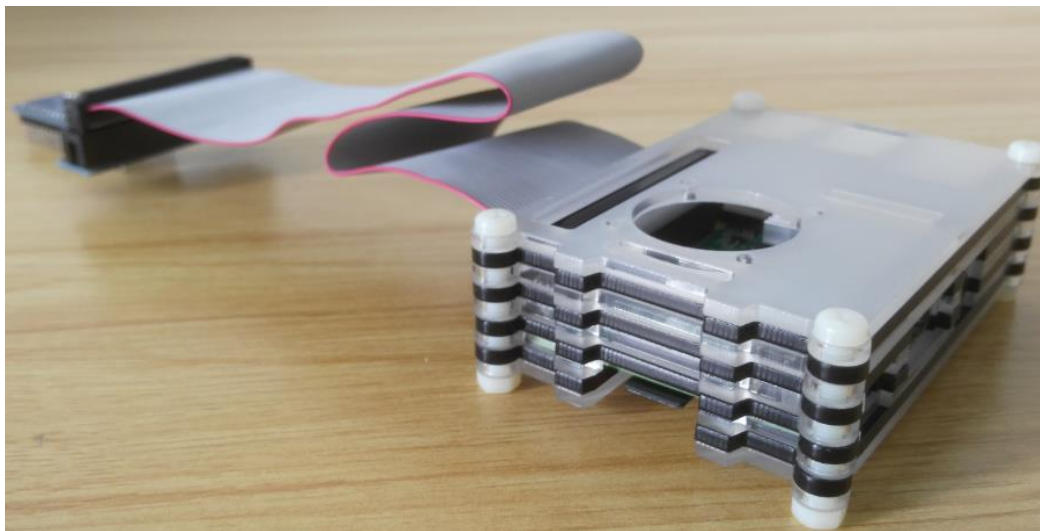
Overview

Introduction
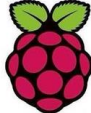
Welcome to use Elecrow Starter Kit for Raspberry Pi. The starter kit can make your Raspberry Pi as a Mini PC, Mini main frame and Development board. And now, we will teach you how to make it come true.

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Mini main frame

Overview

Hardware required

Material diagram	Material name	Number
	Raspberry Pi B+/2B/3B	1
	5V 2A Power	1
	9 Layers protection case	1
	heatsink	3
	Mini fan	1
	USB wifi	1
	SD card	

Note: The Raspberry Pi and SD card are not included in the Elecrow starter kit.

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Connection diagram
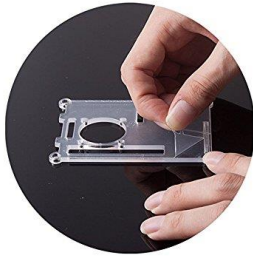
Before you assemble the case, please peel the protective films off by the corner.

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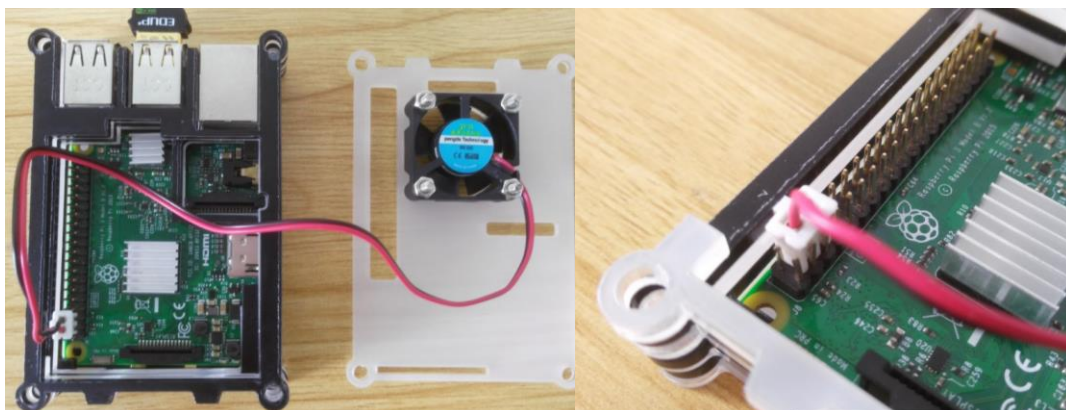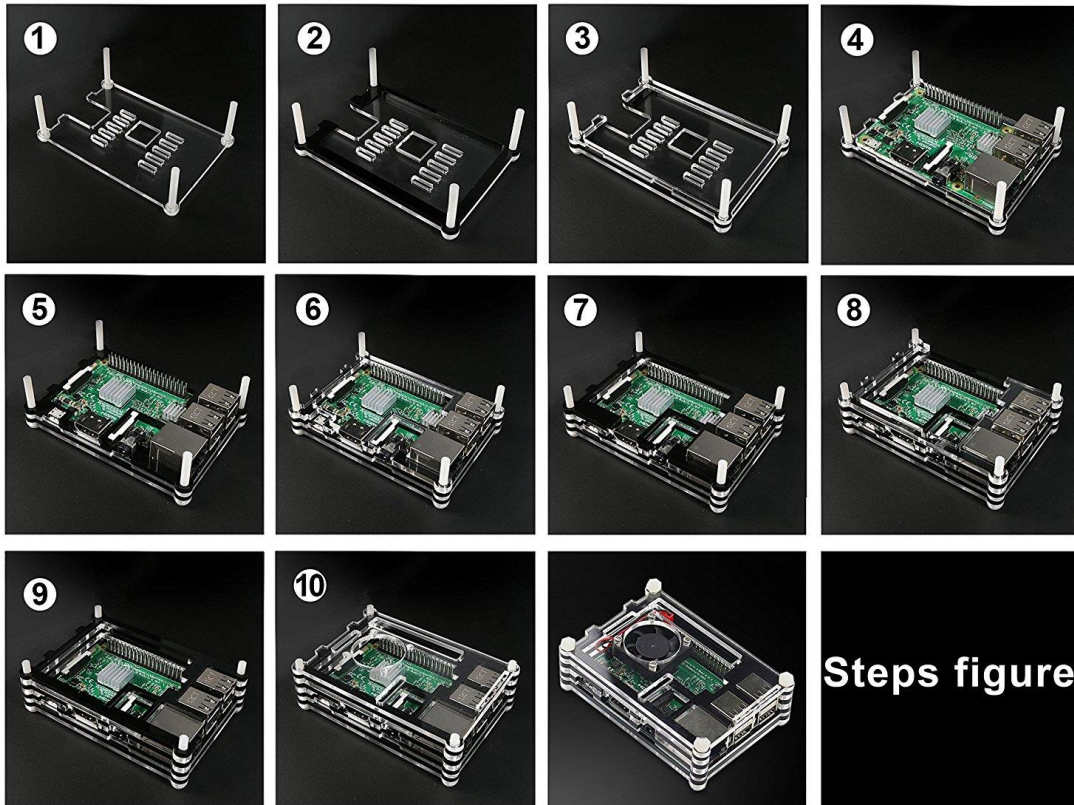
Mini PC

Overview
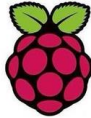

Hardware required

Material diagram	Material name	Number
	Raspberry Pi B+/2B/3B	1
	5V 2A Power	1
	3.5 inch LCD	1
	9 Layers protection case	1
	heatsink	3
	USB wifi	1
	SD card	

Note: The Raspberry Pi and SD card are not included in the Elecrow starter kit.

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Connection diagram

Step 1: Remove two layers of the top and place them at the bottom
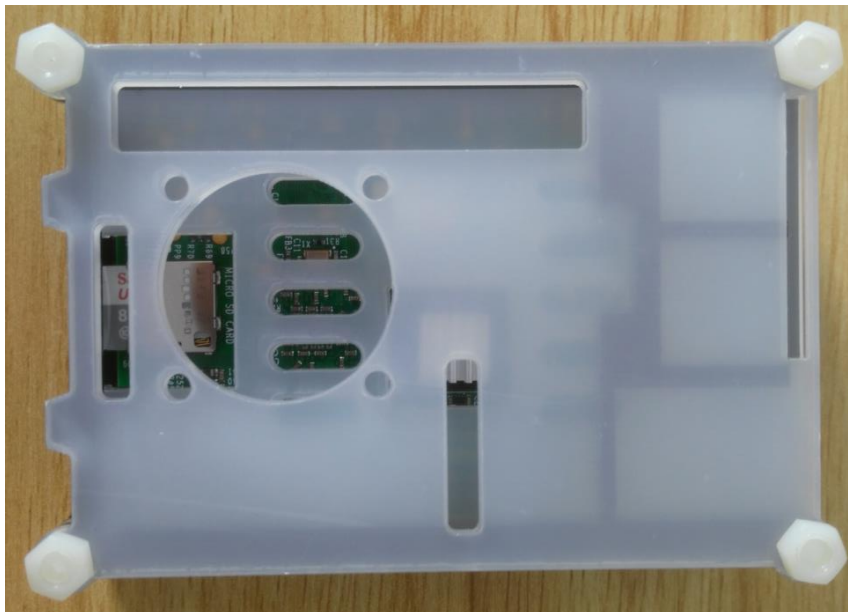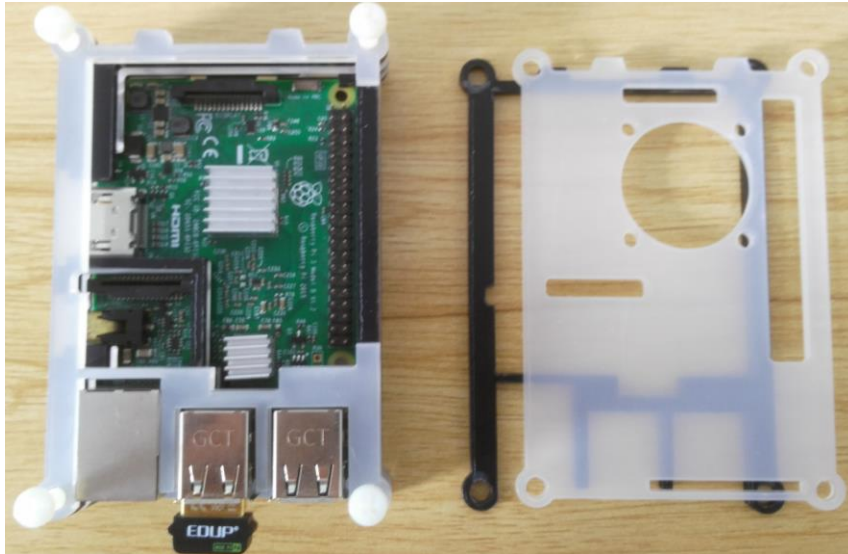
Step 2: Install the 3.5 display

Step 3: Install the driver

Please refer to **How to install the LCD diver.docx**.

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Development board

Overview

Hardware required

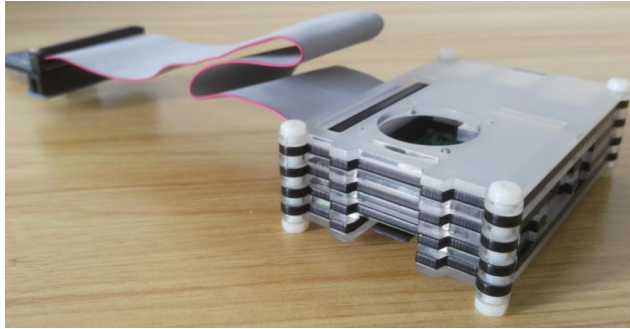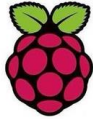| Material diagram	Material name	Number
	Raspberry Pi B+/2B/3B	1
	5V 2A Power	1
	9 Layers protection case	1
	heatsink	3
	40P T-shaped Cobbler	1
	40P Ribbon Cable	1
	USB wifi	1
	SD card	

Note: The Raspberry Pi and SD card are not included in the Elecrow starter kit.

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Connection diagram

Tips: Please refer to Mini main frame -> Connection diagram
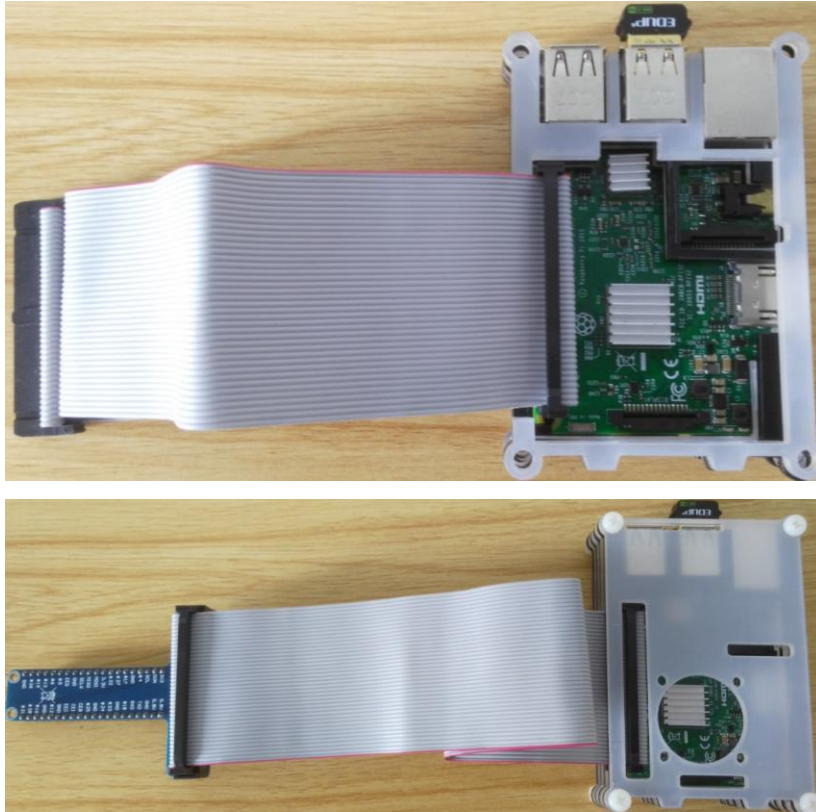
Tips:

The embedded development link: http://wiringpi.com/

Or buy our starter kit for raspberry pi:

https://www.elecrow.com/starter-kit-for-raspberry-pi-arduino.html

We will provide detailed and clear tutorial(PDF), there are 26 lessons for Raspberry Pi and 30 lessons for Arduino.

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* About Elecrow:

* We are a leading manufacturer of electronic components for Arduino and Raspberry Pi.

* We have a professional engineering team dedicated to providing tutorials and support to help you get started.

* If you have any technical questions, please feel free to contact our support staff via email at keen@elecrow.com

* We truly hope you enjoy the product, for more great products please visit official website: www.elecrow.com

Or Amazon store: www.amazon.com/shops/elecrow

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