

Module 6.1: Setting up a Raspberry Pi

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This module will show you how to set up a Raspberry Pi (RPi).

1. **Get what you will need:** A Raspberry Pi Box with the following components in it:
 - a. Raspberry Pi
 - b. RPi 5 Volt Power Supply
 - c. 7" HDMI Screen
 - d. 12 Volt Screen Power Supply
 - e. HDMI Cable
 - f. USB Mouse
2. You will **also need** to get a USB Keyboard
3. **IMPORTANT:** It is best for the RPi to power on and off fully connected and/or using the "Shutdown" menu. Fully connect all the hardware **BEFORE** turning power on.



4. Put it together using this diagram:
5. Turn power on. [This video shows what should happen.](#)
6. Once the RPi is done loading you should find yourself looking at a desktop similar to a "normal" computer. Explore what is available on this NOOBS (New Out Of Box) Operating System.
7. **Done? DO NOT TURN OFF POWER.** First, tell the RPi to Shutdown. Once shutdown is complete then power off all the hardware.