**Guide to setting up Raspberry Pi**

**What you will need:**

* SD Card (8GB) pre-installed with Raspberry Pi NOOBS
* Display cable – HDMI to DVI cable
* Keyboard and Mouse
* Any standard USB keyboard and mouse works.
* Power supply
* Pi is powered by a USB Micro power supply
* You will need a good-quality power supply that can supply at least 2A at 5V for the Model 3B
* Ethernet cable

**How to get NOOBS:**

* NOOBS is available for download on the Raspberry Pi website
* <https://www.raspberrypi.org/downloads/noobs/>
* NOOBS (Offline and network install)
* “Download ZIP”

**How to Install NOOBS on an SD Card:**

Once you’ve downloaded the NOOBS zip file, you will need to copy the contents to a formatted SD card on your computer.

* Format and SD card (8GB) as FAT
* Extract files and contents from the NOOBS zip file.
* Copy extracted file at the root of directory of the SD card.
* (Note: copy files without its folder)

**Installing NOOBS:**

* Insert SD card into Raspberry Pi
* Power up Raspberry Pi
* On first boot, the FAT partition will automatically resized.
* Selecting OS: “Raspbian [RECOMMENDED]”