

# Data Communication and Network

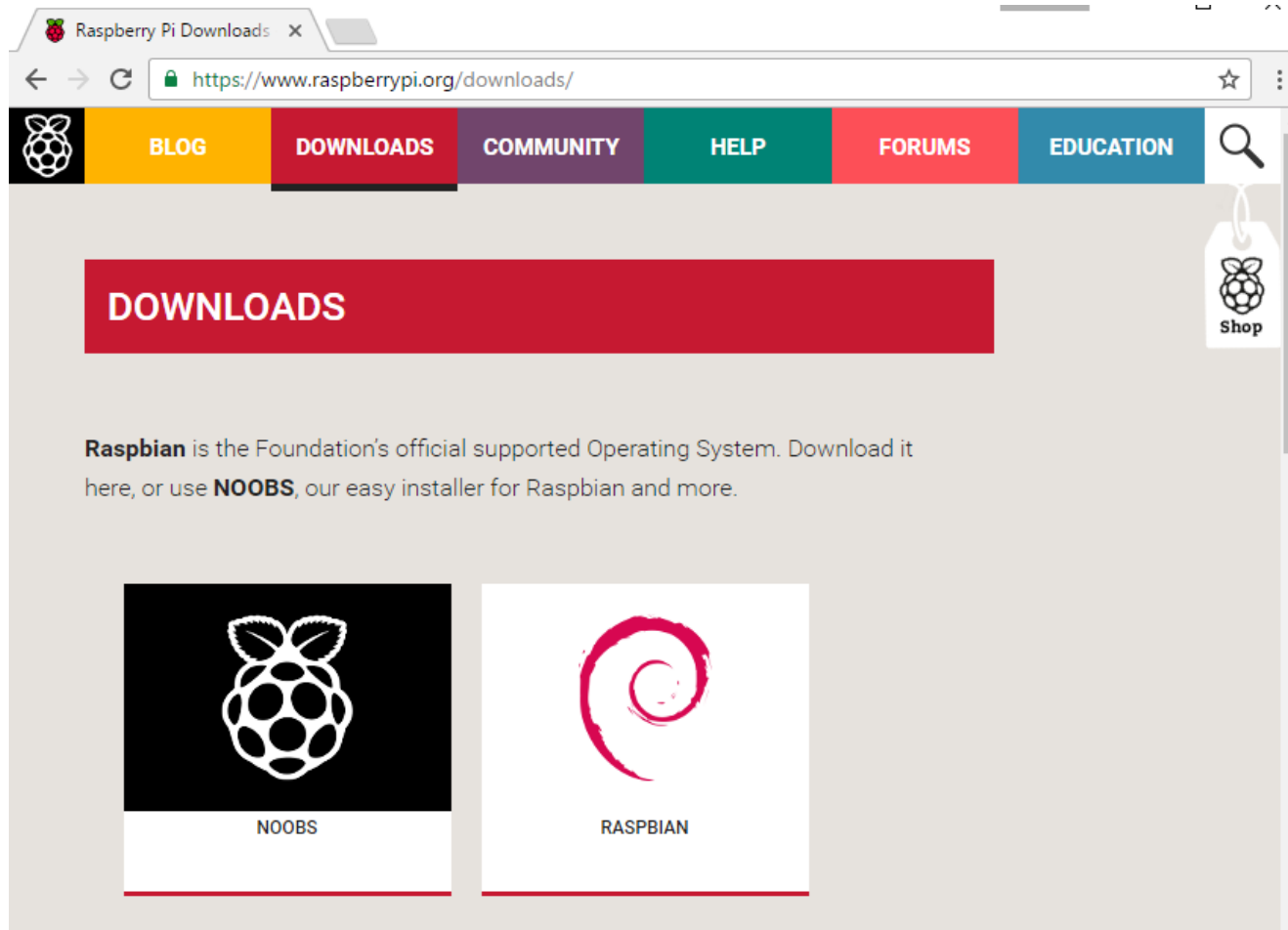
## RaspberryPI Installation Bakup\_and\_Restore

Start Date: October,28 2016

Final Date:

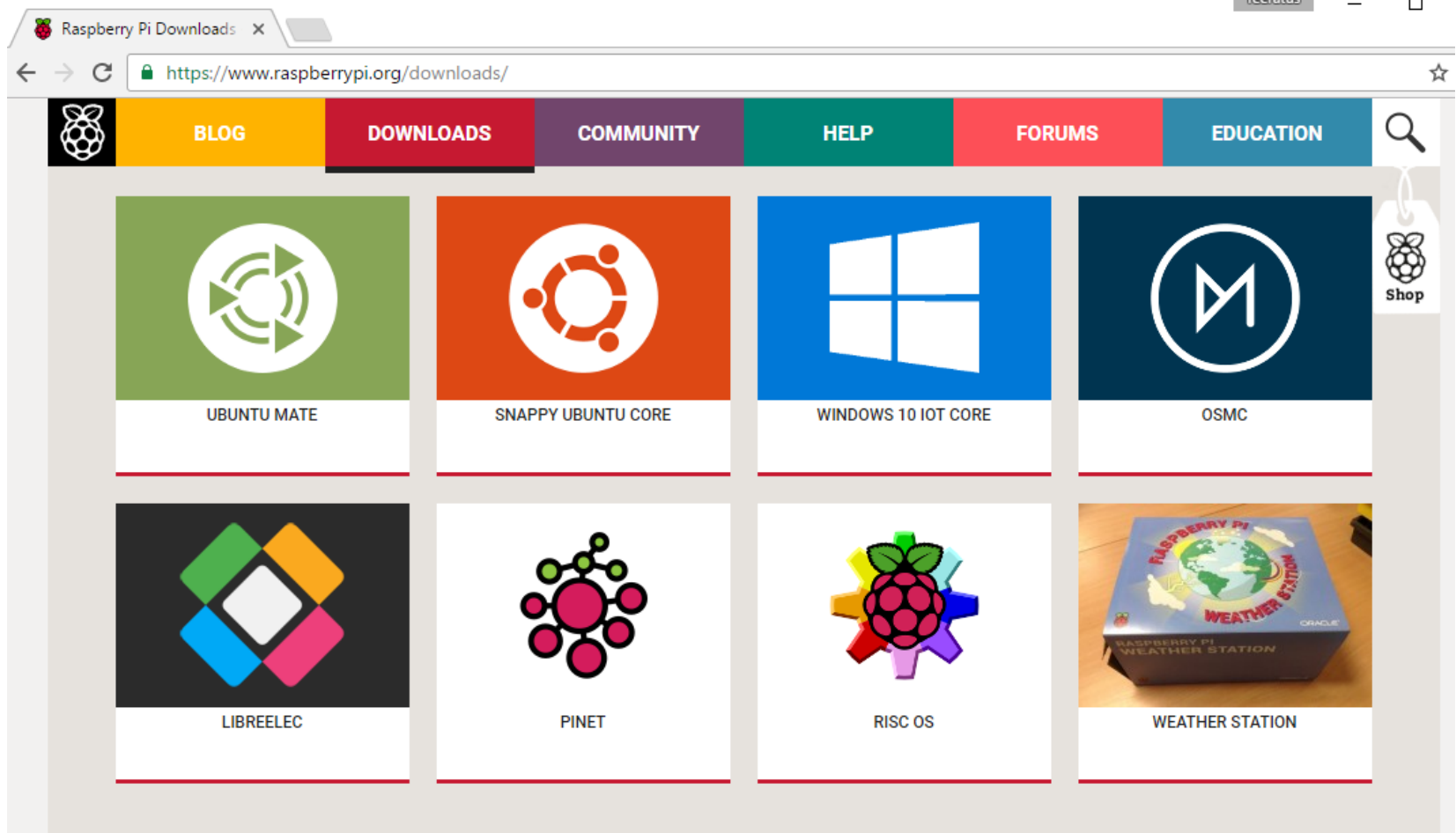
File Name:010-RPI-Installation\_Bakup\_and\_Restore

# Downloads NOOBS



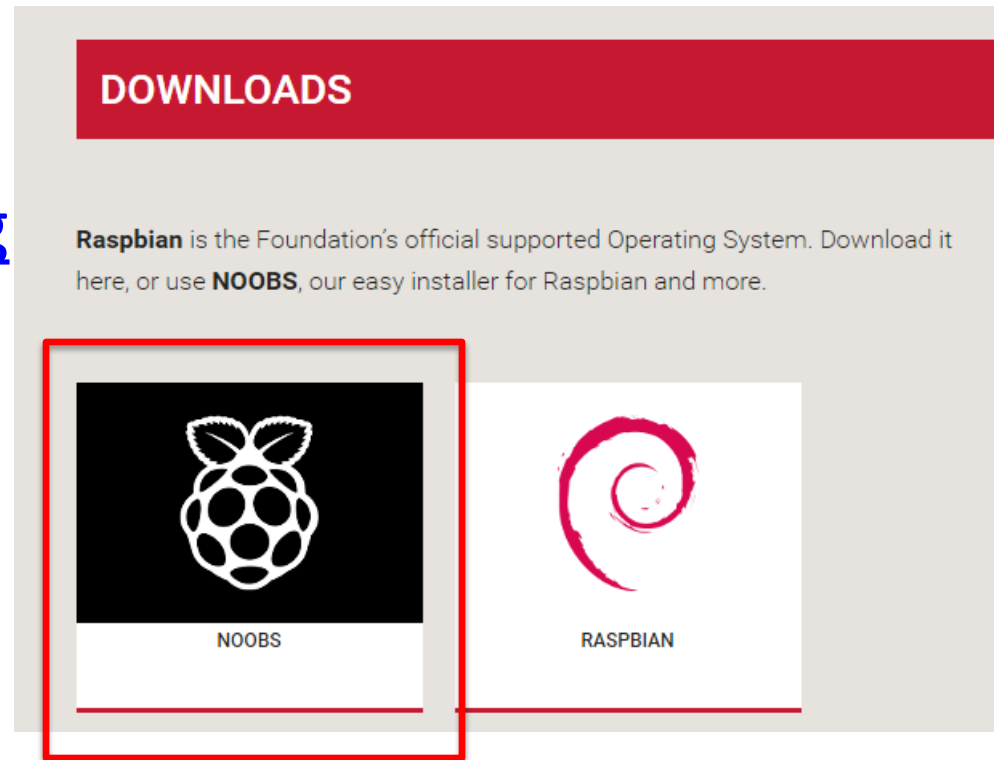
The image shows a screenshot of a web browser displaying the Raspberry Pi Downloads page. The browser's address bar shows the URL <https://www.raspberrypi.org/downloads/>. The page features a navigation menu with the following items: BLOG, DOWNLOADS (highlighted in red), COMMUNITY, HELP, FORUMS, and EDUCATION. A search icon and a 'Shop' button are also visible. The main content area has a red header with the word 'DOWNLOADS' in white. Below this, the text reads: 'Raspbian is the Foundation's official supported Operating System. Download it here, or use **NOOBS**, our easy installer for Raspbian and more.' At the bottom, there are two buttons: 'NOOBS' with a white Raspberry Pi logo on a black background, and 'RASPBIAN' with a red swirl logo on a white background.

# Windows 10 IoT, Ubuntu, RISC OS

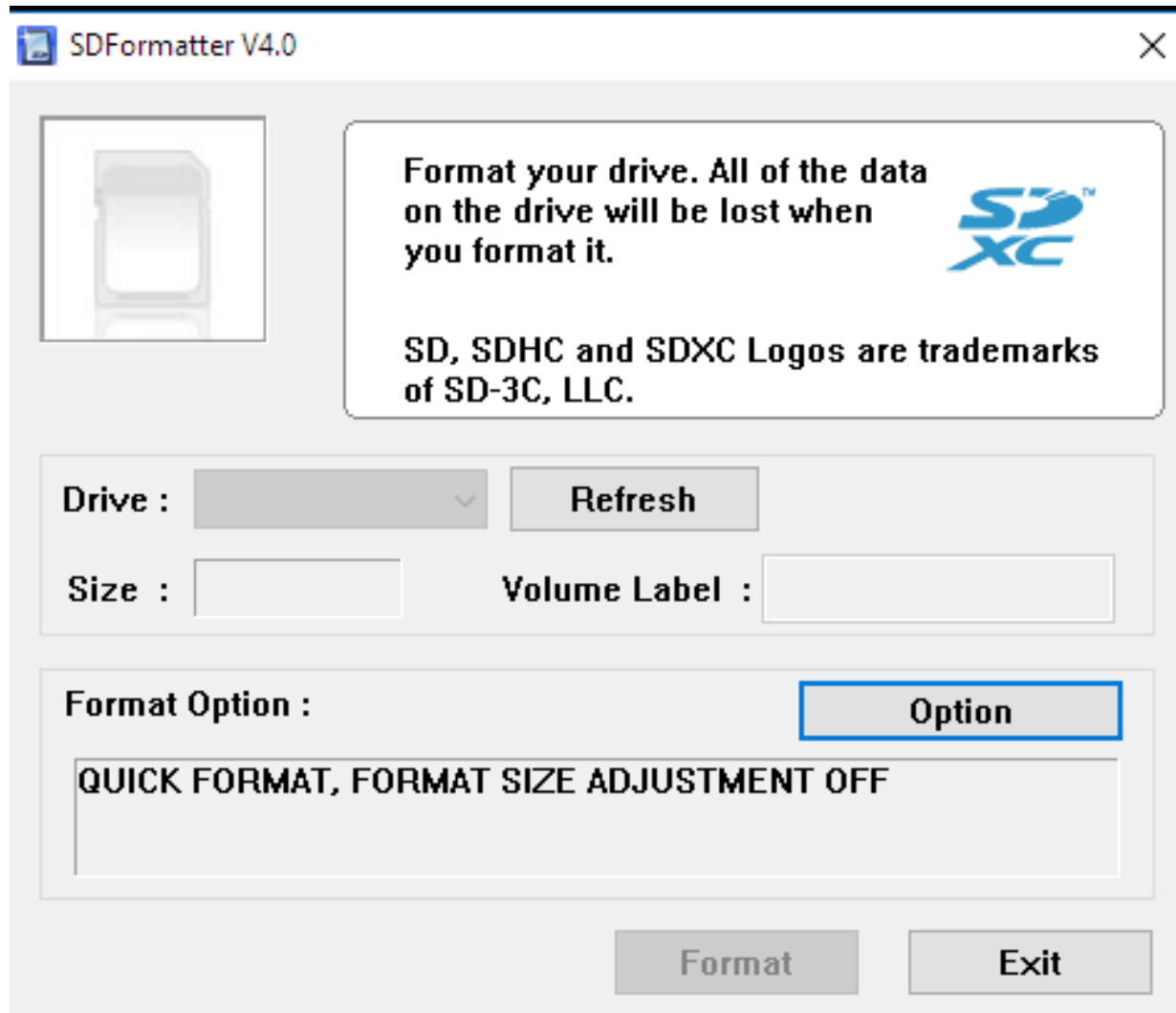


# Using NOOBS is the easiest way to install Raspbian on your SD card. To get hold of a copy of NOOBS:

- Visit [www.raspberrypi.org](http://www.raspberrypi.org) and click on the **DOWNLOADS** button in the navigation bar, at the top of the screen.



# SDFormatter



# Extract

NOOBS\_v1\_9\_0.zip - WinRAR

File Commands Tools Favorites Options Help

Add Extract To Test View Delete Find Wizard Info VirusScan Comment SFX

NOOBS\_v1\_9\_0.zip - ZIP archive, unpacked size 1,070,318,147 bytes

Name	Size	Packed	Type	Modified	CRC32
..			Folder		
overlays			Folder	18-Mar-16 8:13...	
os			Folder	18-Mar-16 8:31...	
defaults			Folder	18-Mar-16 8:16...	
riscos-boot.bin			File	Mar-16 8:16...	D9BA44A7
recovery7.img	2,531,360		File	Mar-16 8:17...	BC027A33
RECOVERY_FILES_DO_NOT_EDIT			File	Mar-16 8:18...	00000000
recovery.files	23,380		File	Mar-16 8:18...	0A70D456
recovery.img	2,476,800		File	Mar-16 8:18...	86C047B2
recovery.elf	6,144		File	Mar-16 8:18...	E37E03B7
recovery.cmdline			File	Mar-16 8:18...	2EEF7C6E
INSTRUCTIONS-README.txt			File	Mar-16 8:16...	8099E248
BUILD-DATA			File	Mar-16 8:18...	617F6B1C
bootcode.bin			File	Mar-16 8:18...	DCC9111B
bcm2710-rpi-3-b.dtb			File	Mar-16 8:13...	2795526C
bcm2709-rpi-2-b.dtb			File	Mar-16 8:13...	321285F5
bcm2708-rpi-b.dtb	10,825	2,896	File dtb	18-Mar-16 8:13...	AD483FBB
bcm2708-rpi-b-plus.dtb	11,104	2,961	File dtb	18-Mar-16 8:13...	2A6B076A

Extracting from NOOBS\_v1\_9\_0.zip

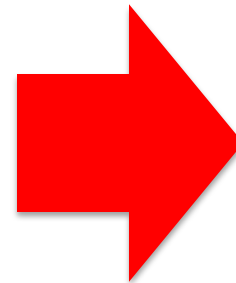
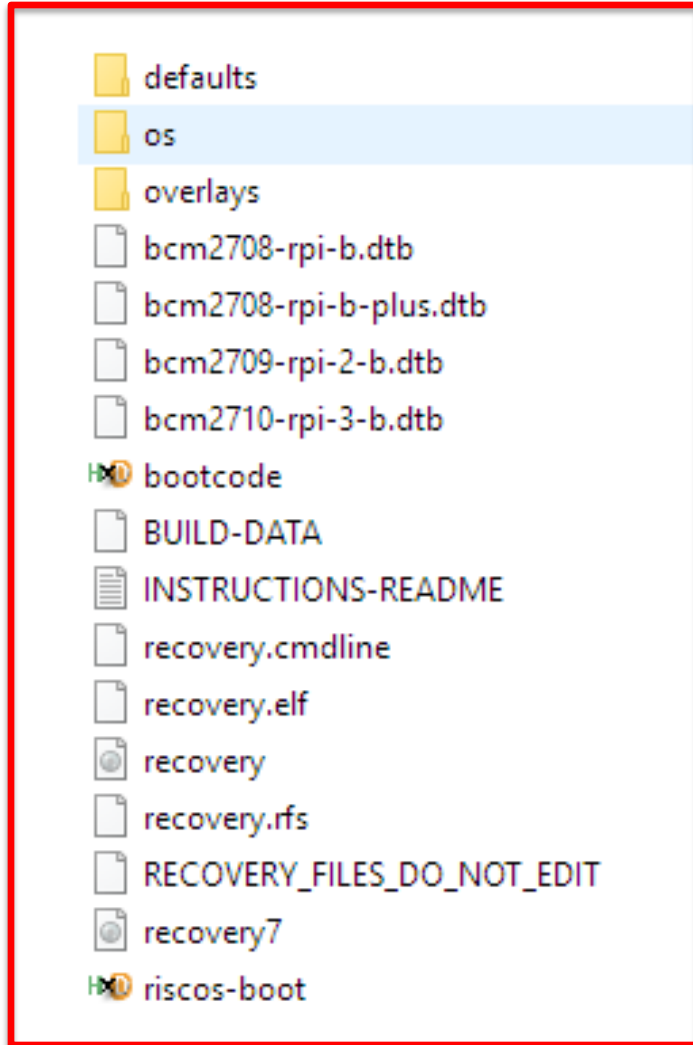
extracting root.tar.xz 68%

Elapsed time 00:00:17  
Time left 00:00:08 66%

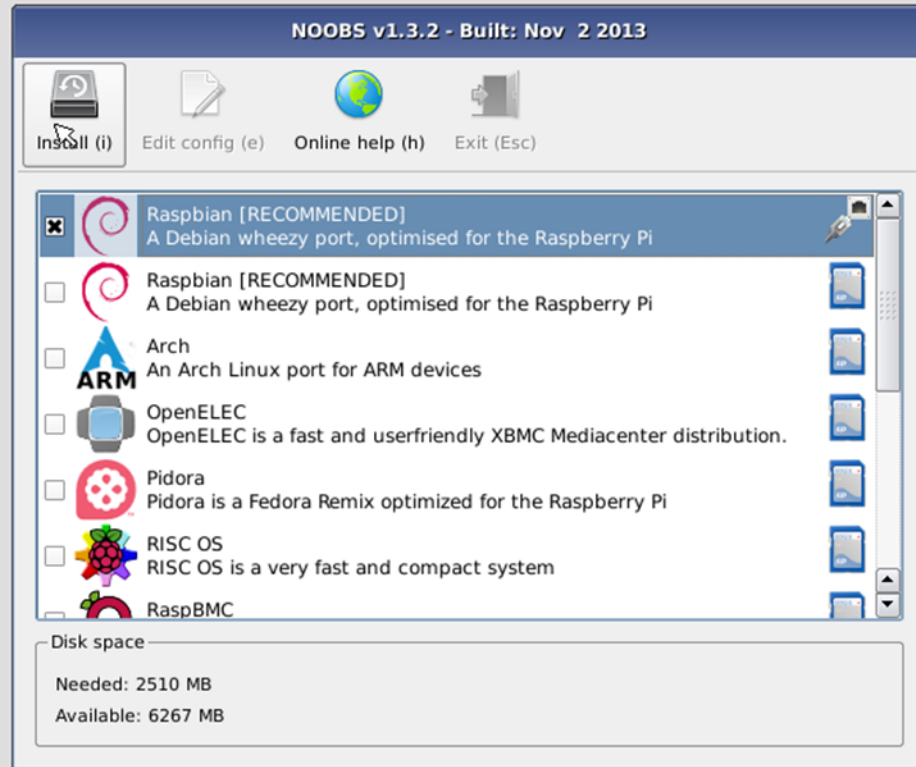
Background Pause  
Cancel Help

Total 3 folders and 29,085,258 bytes in 14 files

# WRITING NOOBS TO AN SD CARD



# BOOTING FROM NOOBS



Once the files have been copied over, insert the micro SD Card into your Raspberry Pi and then plug it into a power source.

You will be provided with a single option, once the installer has loaded. You should check the box for **Raspbian**, and then click **Install**.