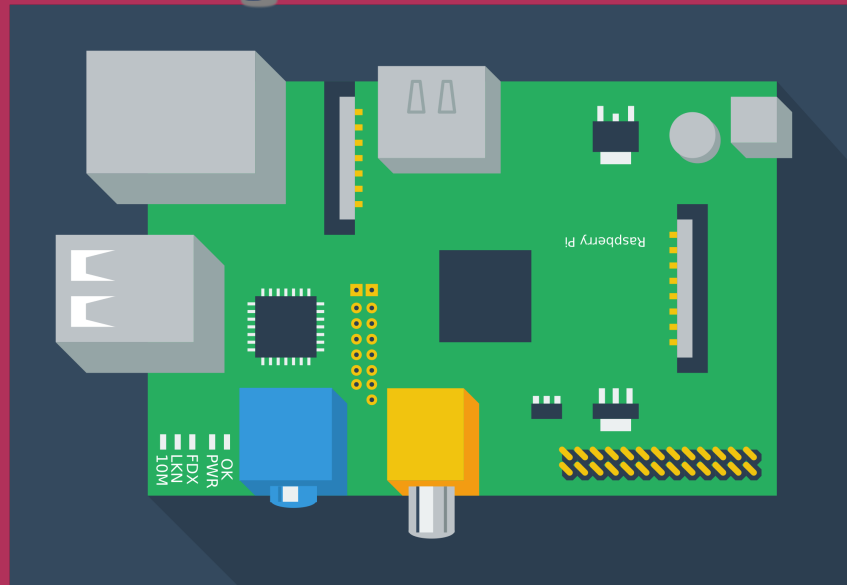


A Walkthrough in Raspberry Pi OS

Part 1: What is Raspberry Pi
Part 2: A Walk Through to Raspberry Pi OS

AUG 2021



Safyzan Salim
scriptworkz ent

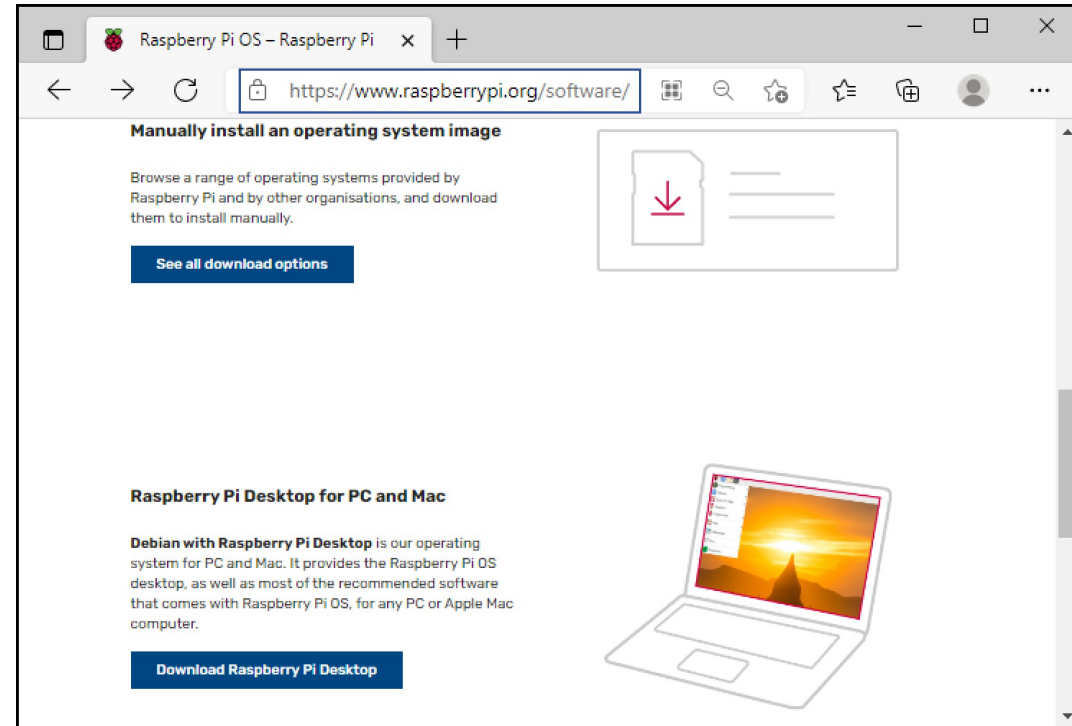
>> Where to download Raspberry Pi OS?

>> Types of operating system that can run by RPi

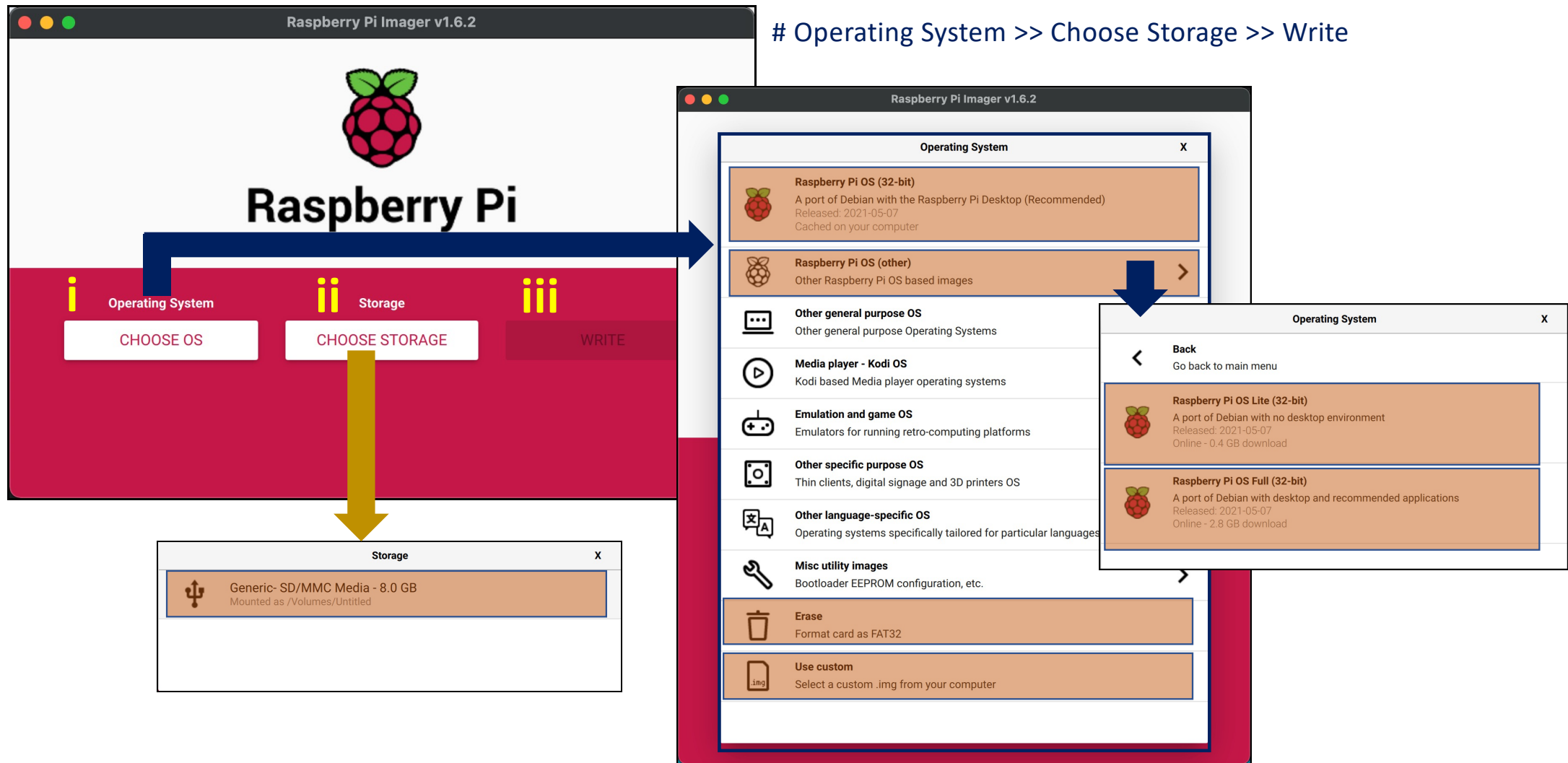
<https://mawaqit.net/en/manual>

A Walk Through in Raspberry Pi OS

>> A view from Raspberry Pi's website software tab.



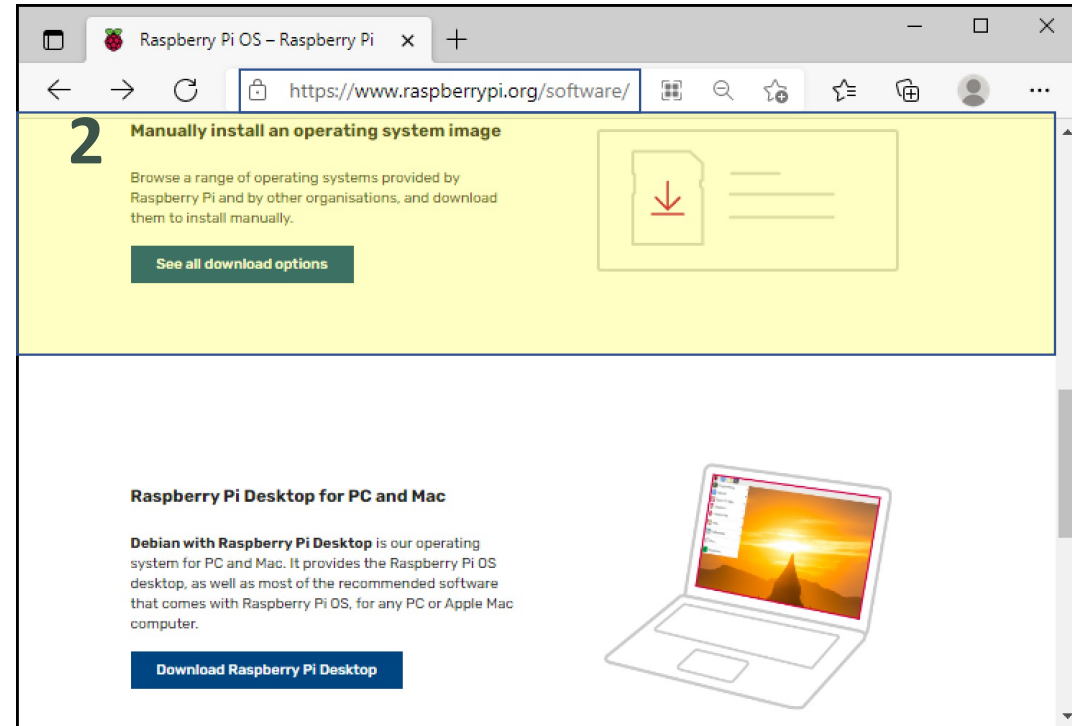
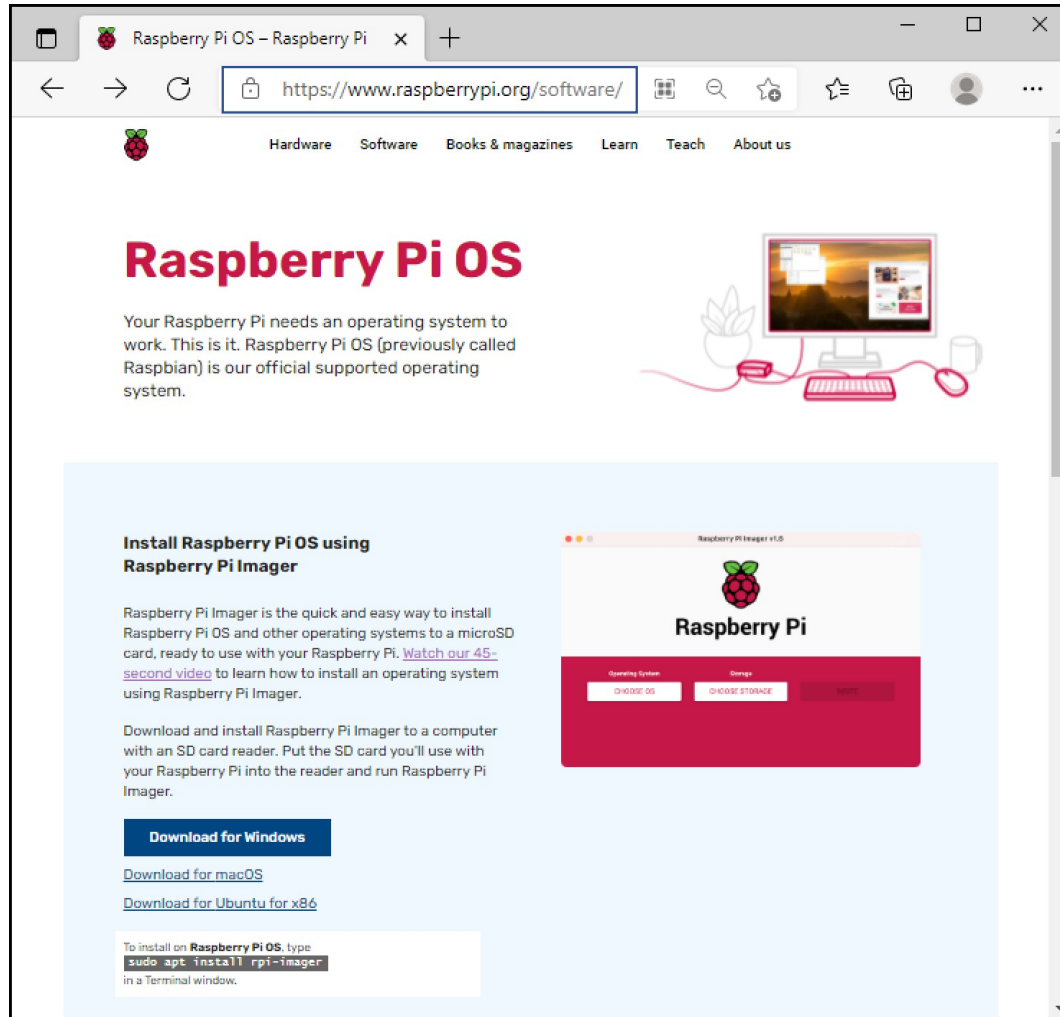
Walk Through Raspberry Pi OS : Raspberry Pi Imager



Operating System >> Choose Storage >> Write

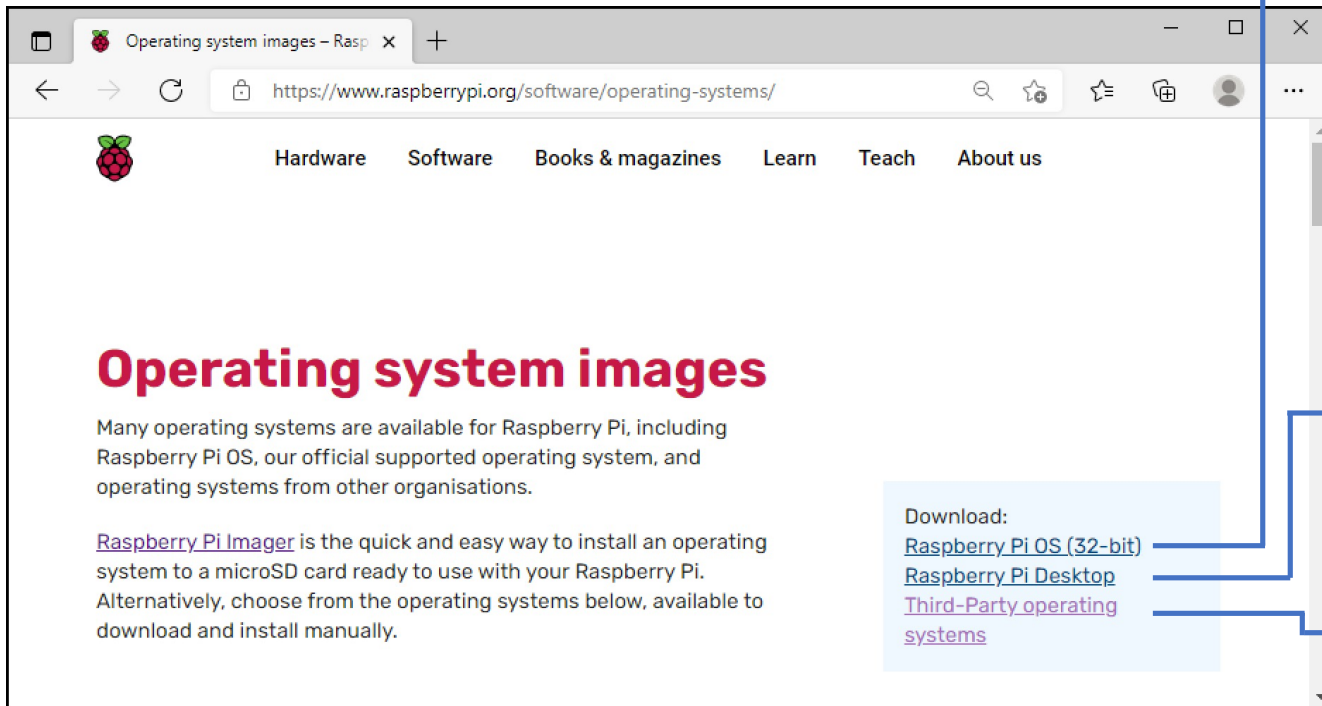
A Walk Through in Raspberry Pi OS

>> A view from Raspberry Pi's website software tab.



Walk Through Raspberry Pi OS : Manually Install An OS Image

>> OS images [.zip / .iso] to choose – check your microSD capacity



The screenshot shows the Raspberry Pi OS website. The main heading is "Operating system images". Below it, a paragraph states: "Many operating systems are available for Raspberry Pi, including Raspberry Pi OS, our official supported operating system, and operating systems from other organisations." A link for "Raspberry Pi Imager" is provided, along with a note that users can alternatively choose from operating systems below to download and install manually. A blue box on the right side of the page lists download links for "Raspberry Pi OS (32-bit)", "Raspberry Pi Desktop", and "Third-Party operating systems". Blue arrows point from these links to the corresponding sections on the right side of the image.

Raspberry Pi OS Links:

https://downloads.raspberrypi.org/raspios_full_armhf/images/raspios_full_armhf-2021-05-28/2021-05-07-raspios-buster-armhf-full.zip
https://downloads.raspberrypi.org/raspios_armhf/images/raspios_armhf-2021-05-28/2021-05-07-raspios-buster-armhf.zip
https://downloads.raspberrypi.org/raspios_lite_armhf/images/raspios_lite_armhf-2021-05-28/2021-05-07-raspios-buster-armhf-lite.zip
https://downloads.raspberrypi.org/rpd_x86/images/rpd_x86-2021-01-12/2021-01-11-raspios-buster-i386.iso



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Raspberry Pi OS with desktop and recommended software
Release date: May 7th 2021
Kernel version: 5.10
Size: 2,867MB
Show SHA256 file integrity hash: **filename.zip**
[Download](#) [Download torrent](#)
[Release notes](#)

Raspberry Pi OS with desktop
Release date: May 7th 2021
Kernel version: 5.10
Size: 1,180MB
Show SHA256 file integrity hash:
[Download](#) [Download torrent](#)
[Release notes](#)

Raspberry Pi OS Lite
Release date: May 7th 2021
Kernel version: 5.10
Size: 444MB
Show SHA256 file integrity hash:
[Download](#) [Download torrent](#)

Raspberry Pi Desktop
Compatible with:
PC and Mac

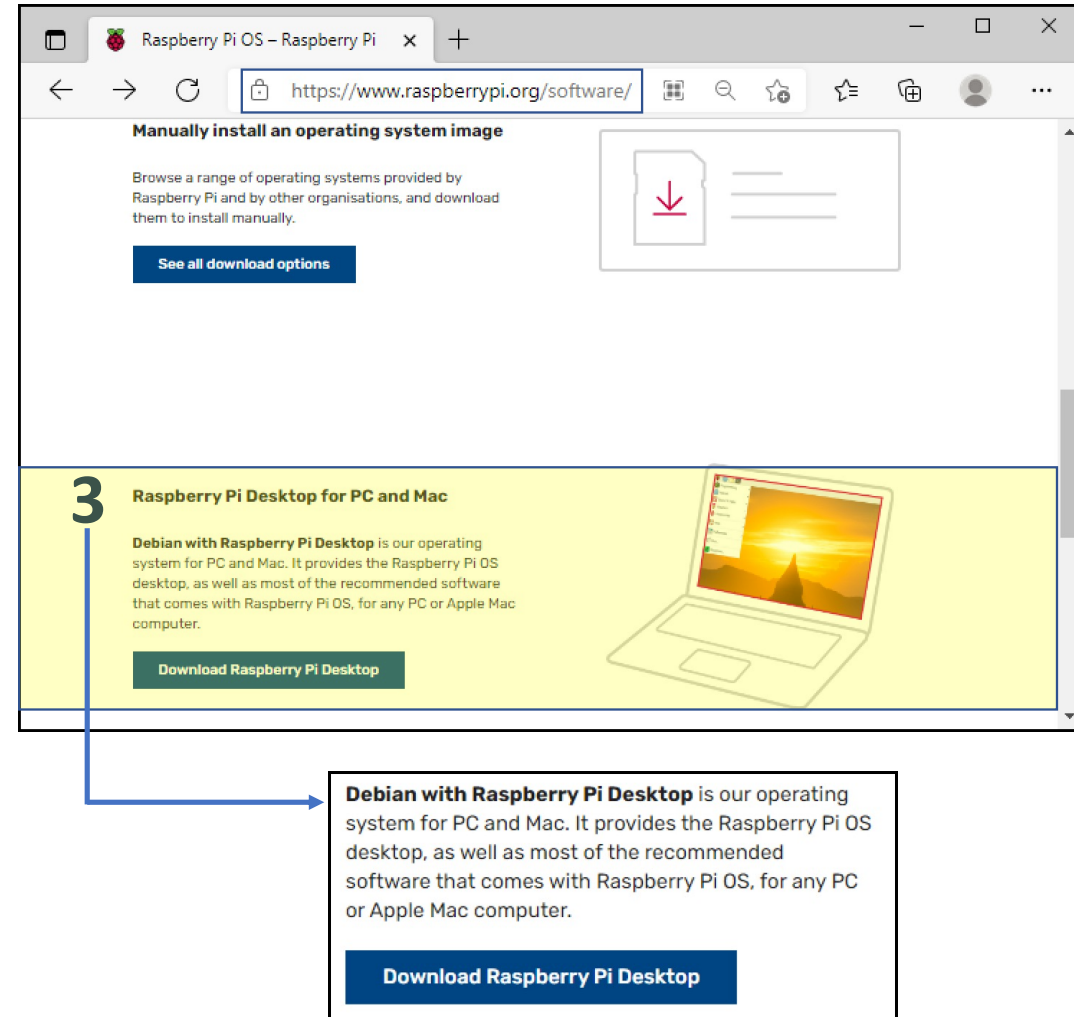
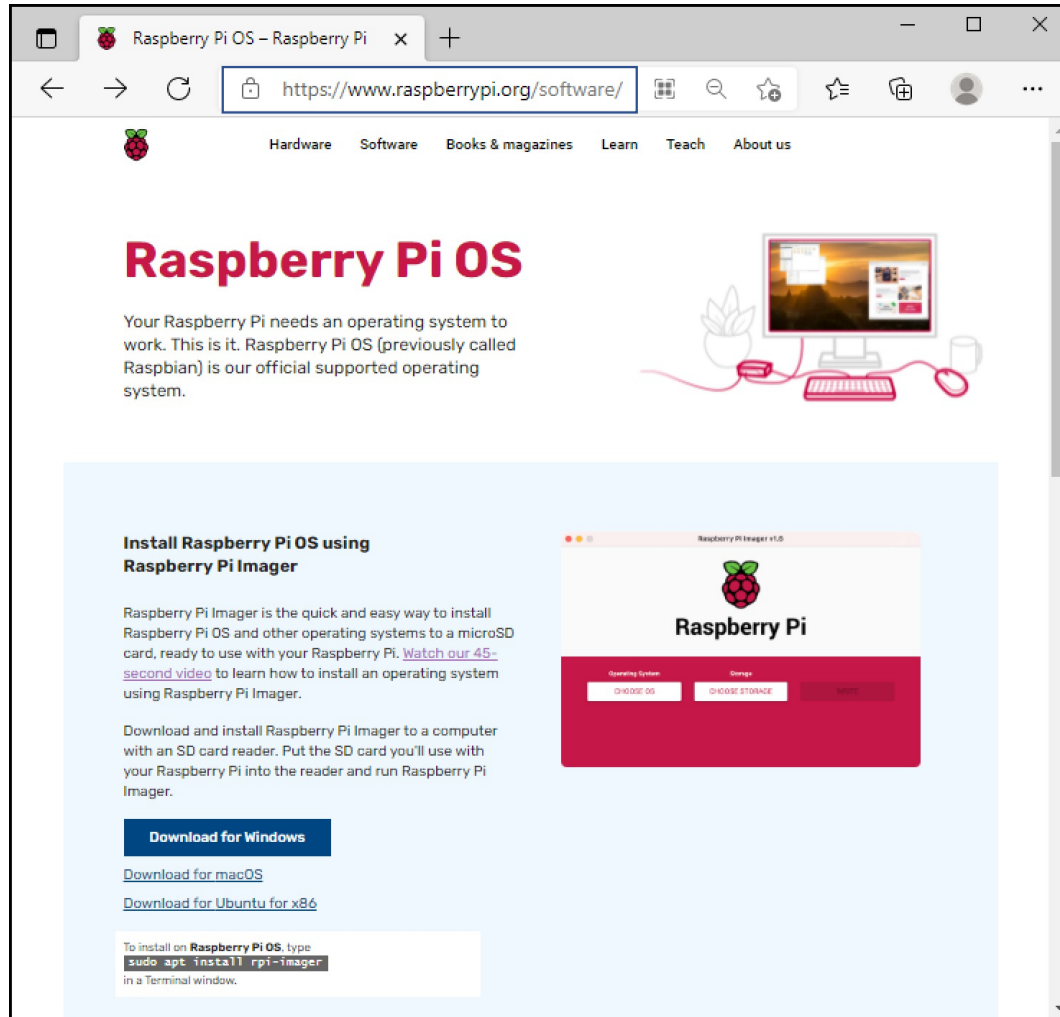
Debian Buster with Raspberry Pi Desktop
Release date: January 11th 2021
Kernel version: 4.19
Size: 2,948MB
Show SHA256 file integrity hash:
filename.iso
[Download](#) [Download torrent](#)

Third-party software
Here are some other operating systems you can use with your Raspberry Pi

- LibreElec**
A Kodi Entertainment Center distribution
[Download](#)
- Ubuntu Desktop**
An open source desktop operating system that's widely used around the world, complete with all the essential applications for home, school, and work
[Download](#)
- Ubuntu Server**
A popular flavour of Linux for cloud and data centre environments
[Download](#)
- Ubuntu Core**
Ubuntu for embedded environments, optimised for security and reliable updates
[Download](#)
- RetroPie**
Turn your Raspberry Pi into a retro-gaming machine
[Download](#)
- TLXOS**
30-day trial of ThinLinux's Debian-based thin client for Raspberry Pi
[Download](#)

A Walk Through in Raspberry Pi OS

>> A view from Raspberry Pi's website software tab.



QUESTIONS

END