

# Raspberry Pi's for Octoprint

## Octoprint is Awesome!

Octoprint is Free and Open Source!

...and We should **donate**(if we can) to help keep it awesome!

**<https://octoprint.org/>**

"Recommended hardware: Raspberry Pi 3B, 3B+, 4B, or Zero 2. Expect print artifacts and long loading times with other options, especially when adding a webcam or installing third party plugins"

### • Raspberry Pi Zero 2 W

- Heat is rarely a problem if "stick-on" Heatsinks are used with some vent holes in the case (No Fan)
  - <https://www.thingiverse.com/thing:3572030>
- Micro-USB OTG USB hub with power input (Allows accessories to plugin)
  - <https://www.amazon.com/TUSITA-Adaptor-Charging-Adapter-Raspberry/dp/B00LTHBCNM>
- Logitech c270
  - <https://www.amazon.com/Logitech-Widescreen-Correction-Noise-Reducing-FaceTime/dp/B01BGBJ8Y0/>
  - <https://www.thingiverse.com/thing:3081838>
- Raspberry Pi Camera Module V2
  - <https://www.amazon.com/Raspberry-Pi-NoIR-Camera-Module/dp/B01ER2SMHY>

### • Raspberry Pi 3B+

- Heat is rarely a problem if stick on Heatsinks are used with some vent holes in the case (No Fan)
  - <https://www.thingiverse.com/thing:2620241>
- Logitech c270

- <https://www.amazon.com/Logitech-Widescreen-Correction-Noise-Reducing-FaceTime/dp/B01BGBJ8Y0/>
- <https://www.thingiverse.com/thing:3081838>
- Raspberry Pi Camera Module V2
  - <https://www.amazon.com/Raspberry-Pi-NoIR-Camera-Module/dp/B01ER2SMHY>

## • Raspberry Pi 4

- Great aluminum housing/heatsink for the Pi 4
  - <https://www.amazon.com/Geekworm-Raspberry-Computer-Aluminum-Compatible/dp/B07VD568FB/>
- 5v fan screwed(M3) into the fins of the heatsink and plugged into the GPIO pins
  - <https://www.amazon.com/Noctua-Cooling-Bearing-NF-A4X10-FLX-5V/dp/B00NEMGCIA/>
  - <https://www.thingiverse.com/thing:4837562>
- Logitech c270
  - <https://www.amazon.com/Logitech-Widescreen-Correction-Noise-Reducing-FaceTime/dp/B01BGBJ8Y0/>
  - <https://www.thingiverse.com/thing:3081838>
- Raspberry Pi Camera Module V2
  - <https://www.amazon.com/Raspberry-Pi-NoIR-Camera-Module/dp/B01ER2SMHY>

My Resin printer does not work with Octoprint, so I used a Raspberry Pi Zero W to make a windows SMB shared folder that is accessible wirelessly and connects to the USB thumb drive port on the Resin Printer (see Resin Printing section)

---

Revision #11

Created 8 January 2023 03:32:43 by smokintbird

Updated 16 June 2024 04:41:07 by smokintbird