

# Klipper

Klipper is an alternative firmware for 3D printers' micro-controllers. The default firmware for most 3D printers is Marlin. Klipper consists of 2 parts, the micro-controller firmware to control basic motor and print head and software running on an attached general purpose computer like a Raspberry Pi or a PC.

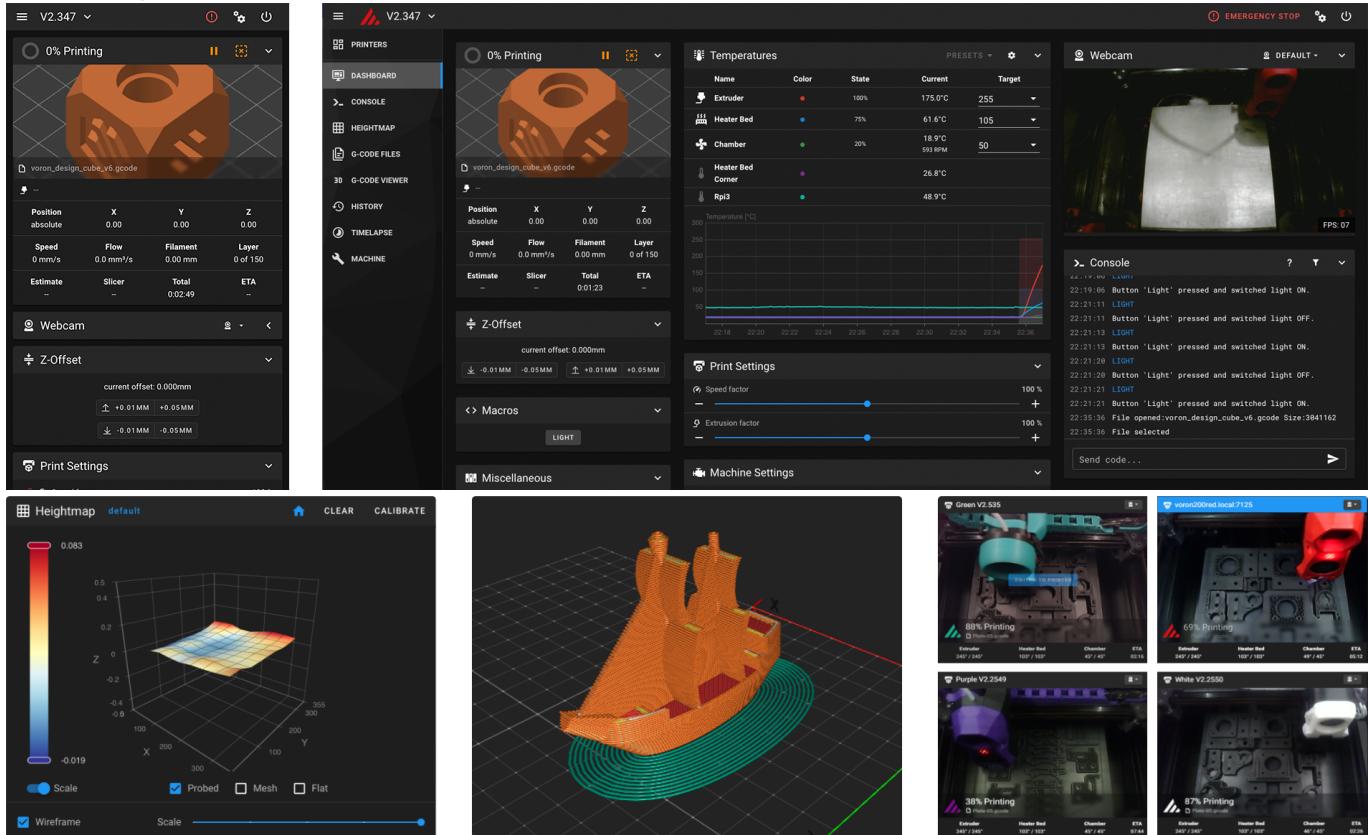
Details on <https://www.klipper3d.org>

Octoprint was designed for Marlin firmwares, but can work with Klipper through a plugin: <https://all3dp.com/2/install-octoprint-klipper-single-board-computer-sbc/>

Installing Klipper and OctoPrint: The tool of our choice is [Klipper Installation And Update Helper \(KIAUH\)](#), which streamlines the installation process by reducing user inputs to the bare minimum and adding a graphical interface. It also helps manage updates and removal of every component.

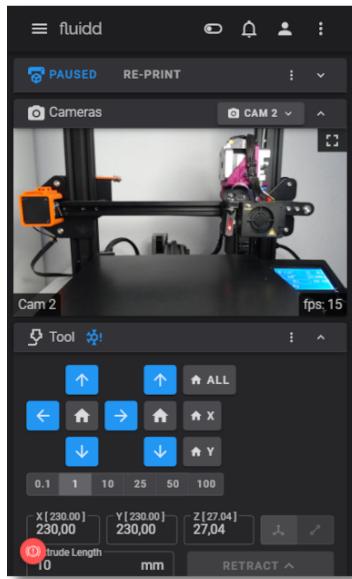
[Arksine/Moonraker](#) is a Python 3 based web server that exposes APIs which client applications can use to interact with Klipper.

There are several Web interfaces that can interact with Klipper through Moonraker's APIs: Octoprint [Mainsail](#) by Mainsail-Crew

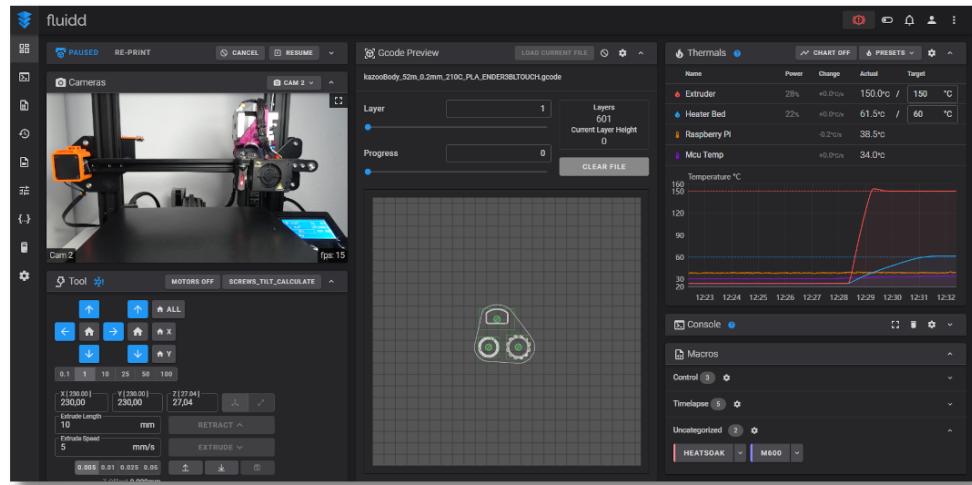


[Fluidd](#) by Cadriel

mobile



desktop

Touchscreen GUI: [KlipperScreen](#) by jordanruthe

Obico for Klipper is a Moonraker plugin that enables the Klipper-based 3D printers to connect to Obico. This provides remote access as well as AI Failure detection.

[PrettyGCode for Klipper](#)

[OctoEverywhere](#) Octoprint Plugin for remote access/monitoring and AI Failure detection

From:

<http://wuff.dyndns.org/> - **Wulf's Various Things**

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