

ThinClient as an OctoPrint Server

Recently I finished my silent mod for my Ender3v2 which I posted [here](#).

As the energy costs are rising I searched for a solution to lower the costs for my OctoPrint which was running on my gaming PC (yes I know, not the best solution but it works for me the last months).

So I found an interesting video on [Youtube](#) from CrimsonRepair where a Dell Wyse 3040 with a Debian was installed for Klipper. I don't currently use Klipper, but I wanted to use the concept for Octoprint.

So: bought, waited and then got started. I designed a holder for it (<https://www.printables.com/model/307163-dell-wyse-3040-holder-ender3-v2>) with which I could mount the ThinClient directly under the drawer. The model simply slides into the right V-slots.

The ThinClient itself can simply be pushed in from the front and closes cleanly.

With 5W maximum power, it doesn't get too warm even underneath. And thanks to the 4 core Atom processor, it's definitely powerful enough to control the printer completely via the USB port.

Here are some pictures of the conversion.





