

# Creality Ender 3 Pro - My setup

## Hardware parts

- **Printer:** Creality Ender 3 Pro ([AliExpress](#))
- **Motherboard:** Creality OEM Silent Board 4.2.7 ([AliExpress](#))
- **Bed leveling sensor:** Trianglelab 3DTouch v3 ([AliExpress](#))
- **All metal hotend:** Trianglelab Bi-Metal Heatbreak ([AliExpress](#))
- **Belt tensioners:** no name ([AliExpress](#))
- **Print surface:** Creality PEI Metal Sheet ([AliExpress](#))
- **Metal extruder:** no name ([AliExpress](#))
- **Stronger springs:** yellow no name ([AliExpress](#))
- **Filament runout sensor:** generic ([AliExpress](#))
- **Heatbreak cooling:** Noctua 40x40x20 mm fan with stepper down

## 3D printed upgrades

- Satsana with 3DTouch mount ([Thingiverse](#))
- Cable clips for cable management ([Thingiverse](#))
- Spool holder with ball bearings (printed by the first owner)
- Some LCD display cover

## Software

- Marlin firmware
- OctoPi for remote control on Raspberry Pi 3B

## Enclosure

- 2x IKEA Lack table
- 6 mm birch plywood
- acoustic foam (more for looks than anything else)

# Upgrades to do

- Noctua fans for PSU and motherboard
- enclosure ventilation system (by summer)

---

Revision #6

Created 17 March 2022 11:06:55 by jiripavlik

Updated 17 March 2022 16:36:02 by jiripavlik