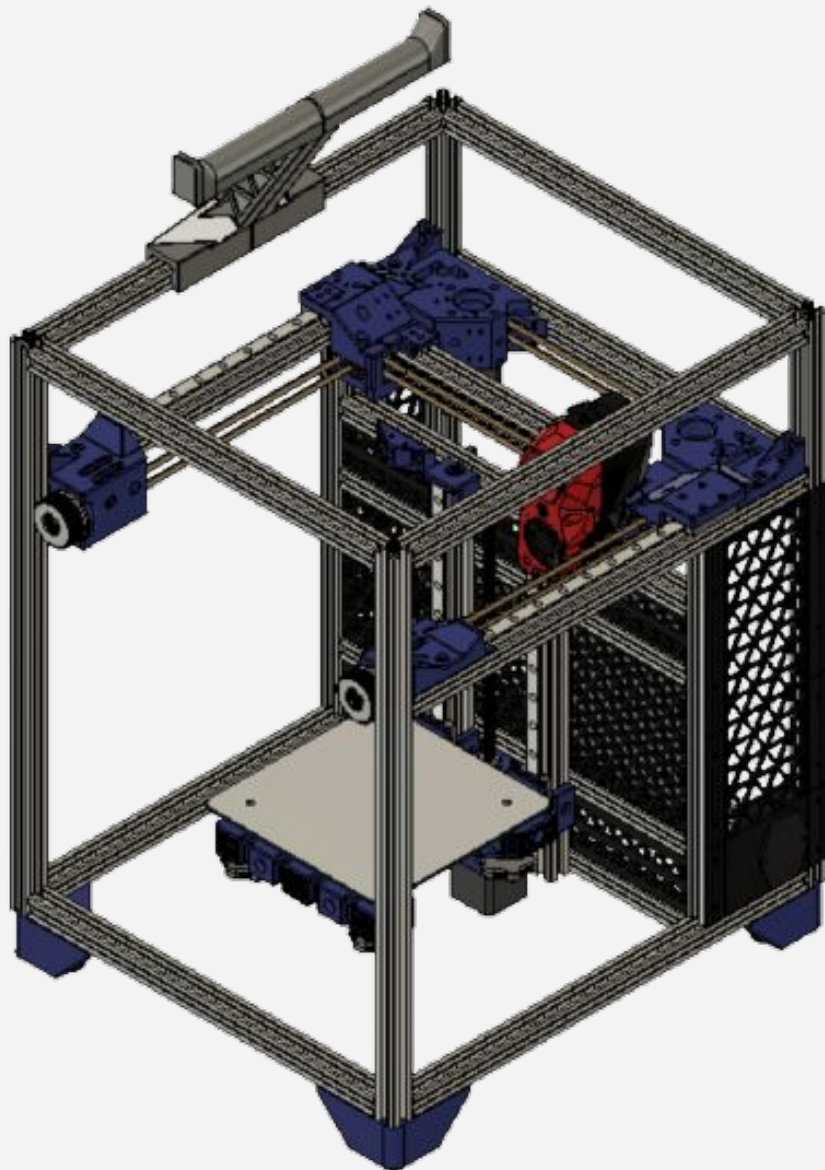


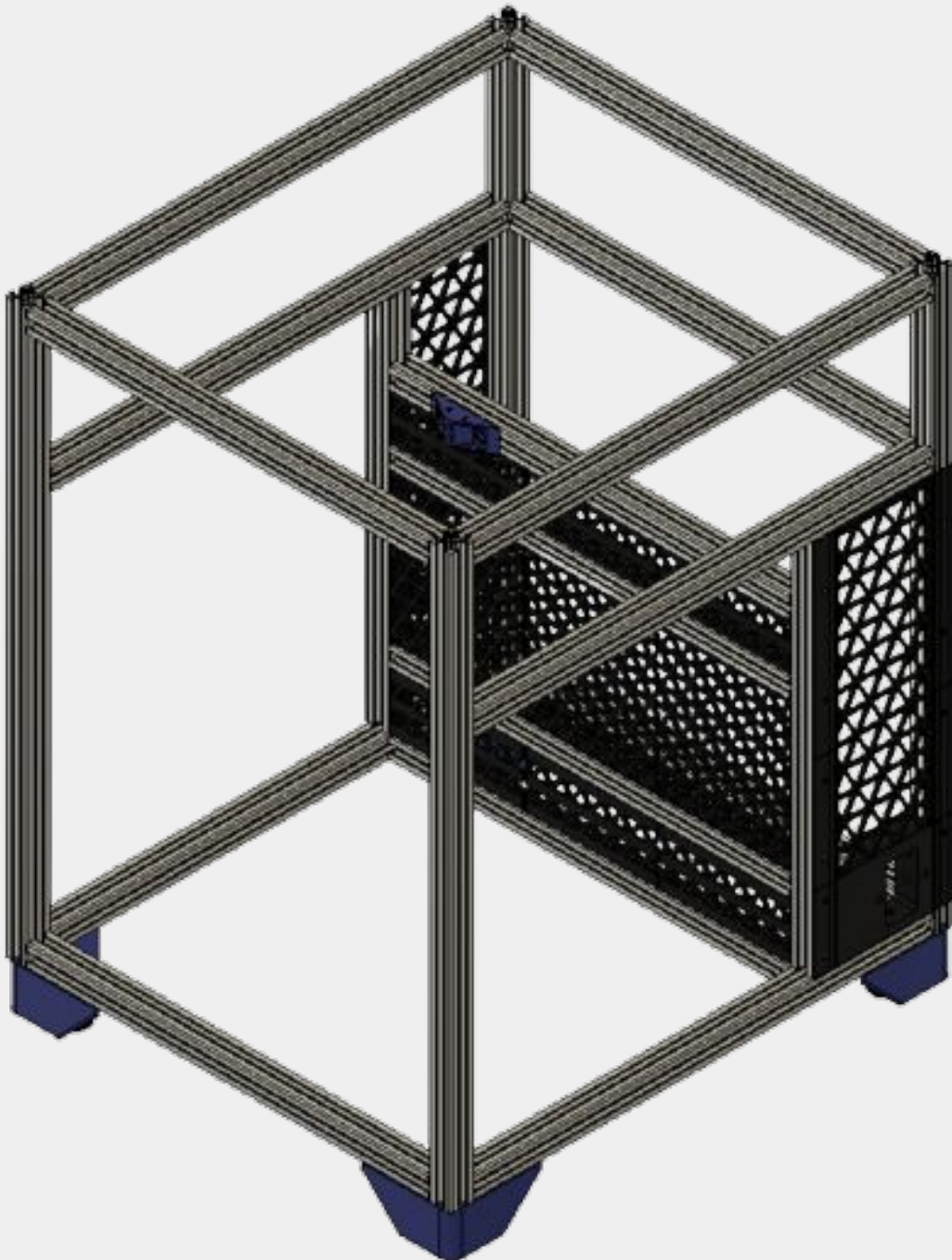
VoriPrinter building instruction



Before building

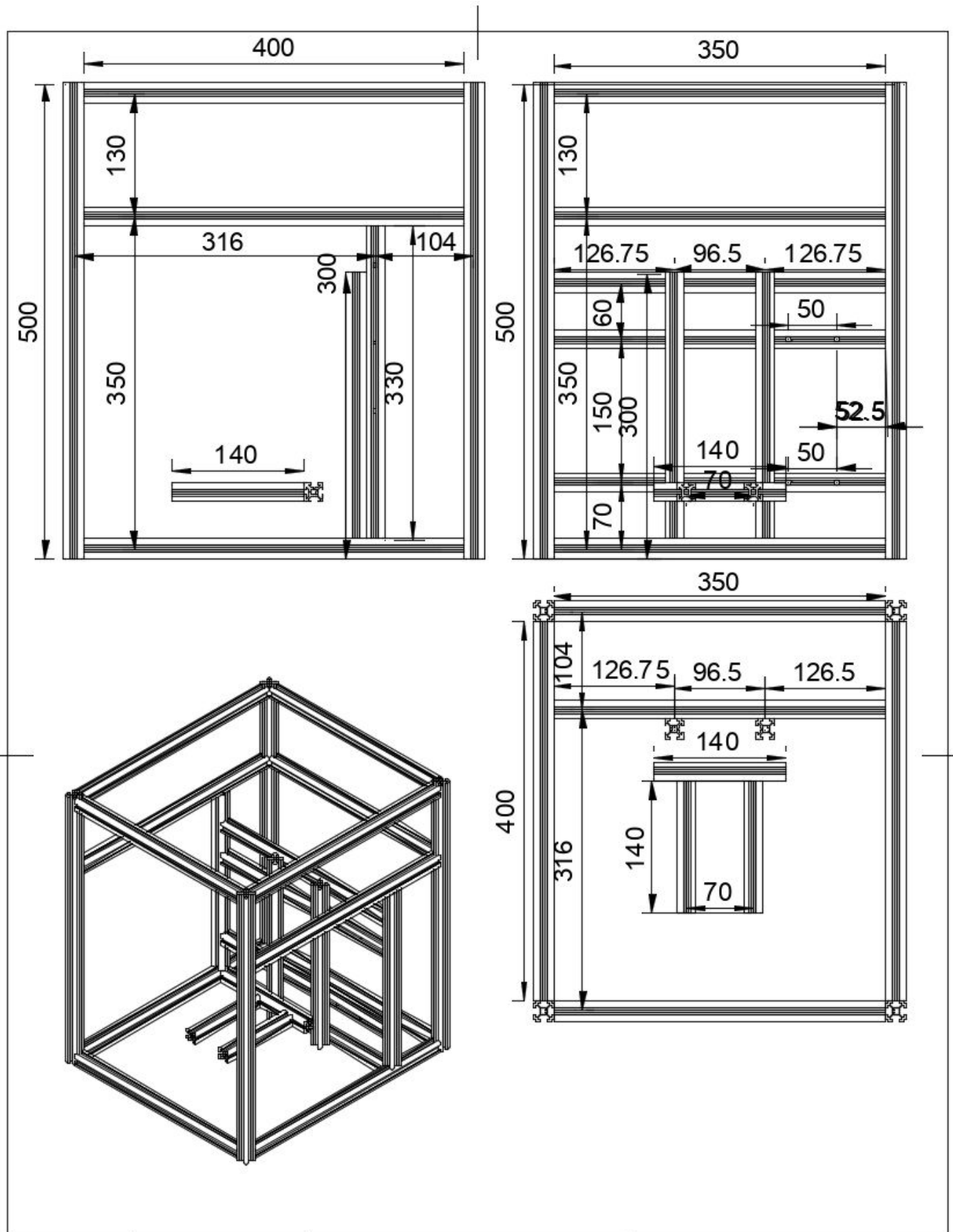
- Carefully study the instructions before building
 - In case of any confusion, study the 3D model of the printer
- Read the complete list of materials needed
 - this is only an approximate quantity
- The printer should be built by an experienced user
 - Risk of injury or death
- Tools needed for the build:
 - Drill for aluminium 6mm
 - M6 tapping tool
 - Allen set
 - Soldering kit
 - Soldering iron
 - Solder
 - rosin

Structure



Before building structure

- Prepare 2020 profiles:
 - Use an M6 tap to create a thread in all 2020 profiles
 - The thread may remain unused in some places
 - Use a 6mm drill bit to make holes at the connection point
- The profiles are connected as follows:
 - Screw the M6X20 screw into the profile, the end of which will be perpendicular to the other profile
 - Do not tighten the screw!
 - Insert the bolt and the profile into the groove of the second profile
 - Place the profile in the correct position
 - Tighten the bolt through the hole in the second profile
 - This does not apply to 300mm profiles for the Z-axis
 - These profiles are fixed with M6 slot stones
- Review the placement of components on the frame before building
 - Insert the stones to place these components into the profile before assembling the frame
 - Otherwise they cannot be inserted without disassembling the frame
 - This does not apply when using nuts in profiles



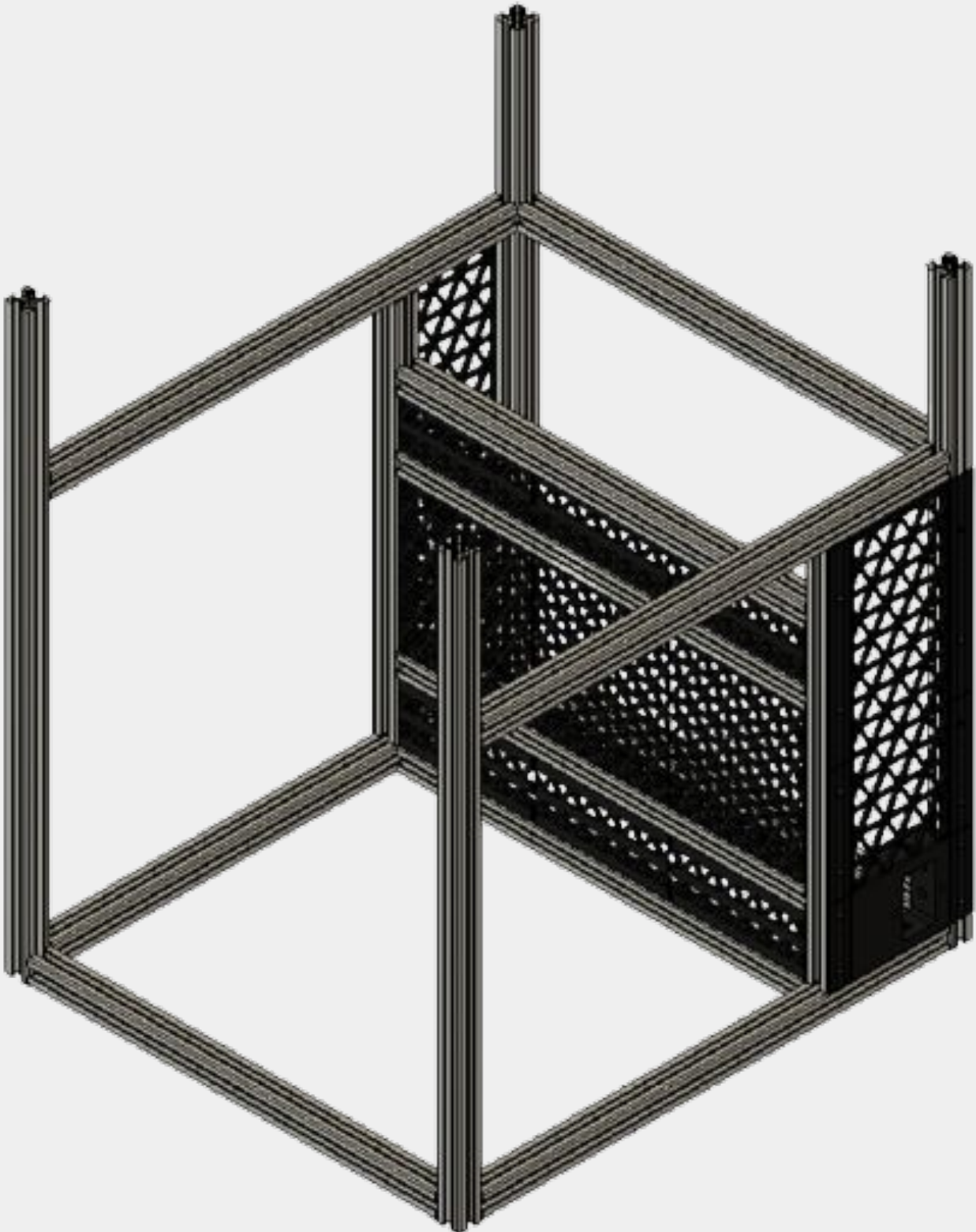
Recommended building method



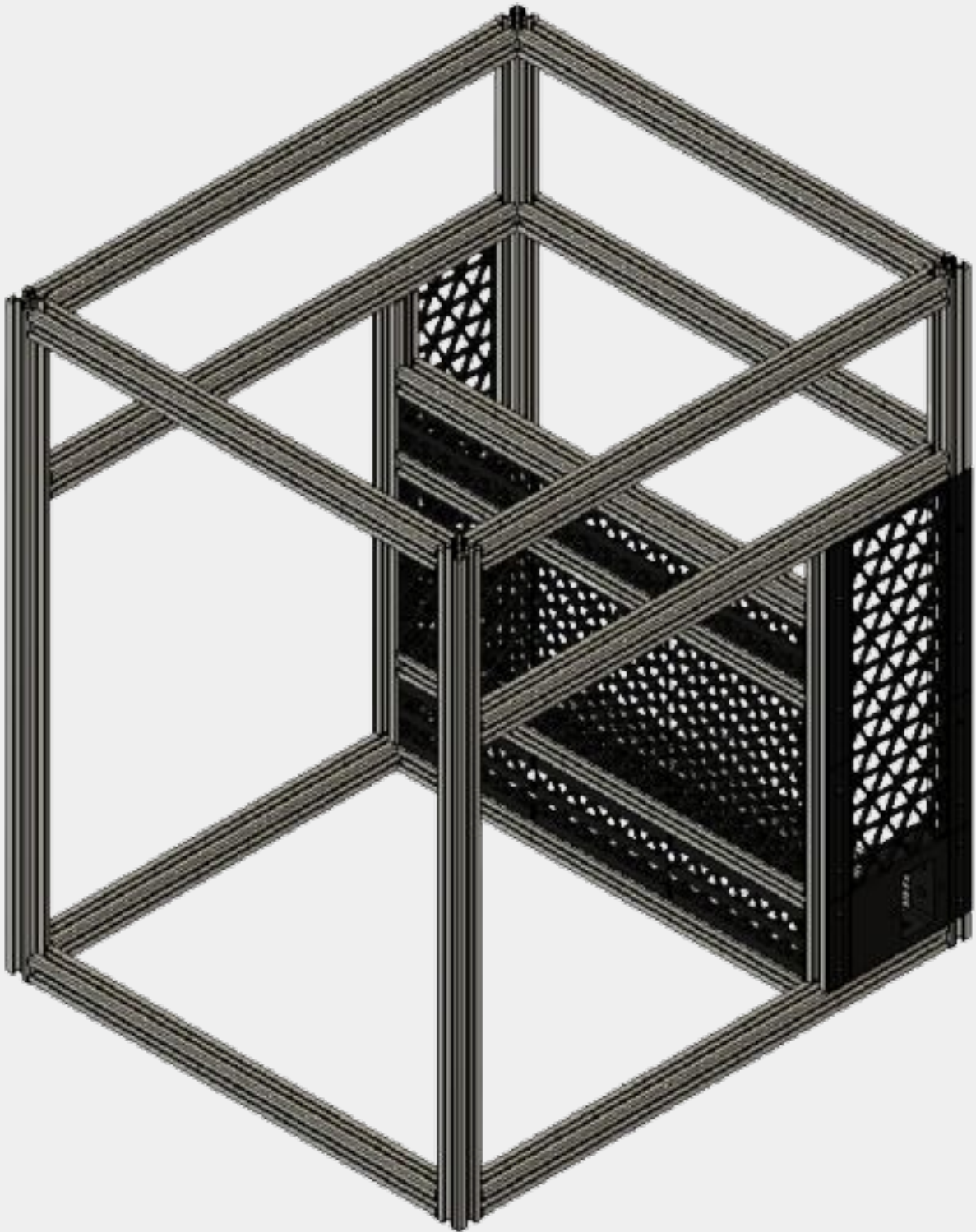
Recommended building method



Recommended building method



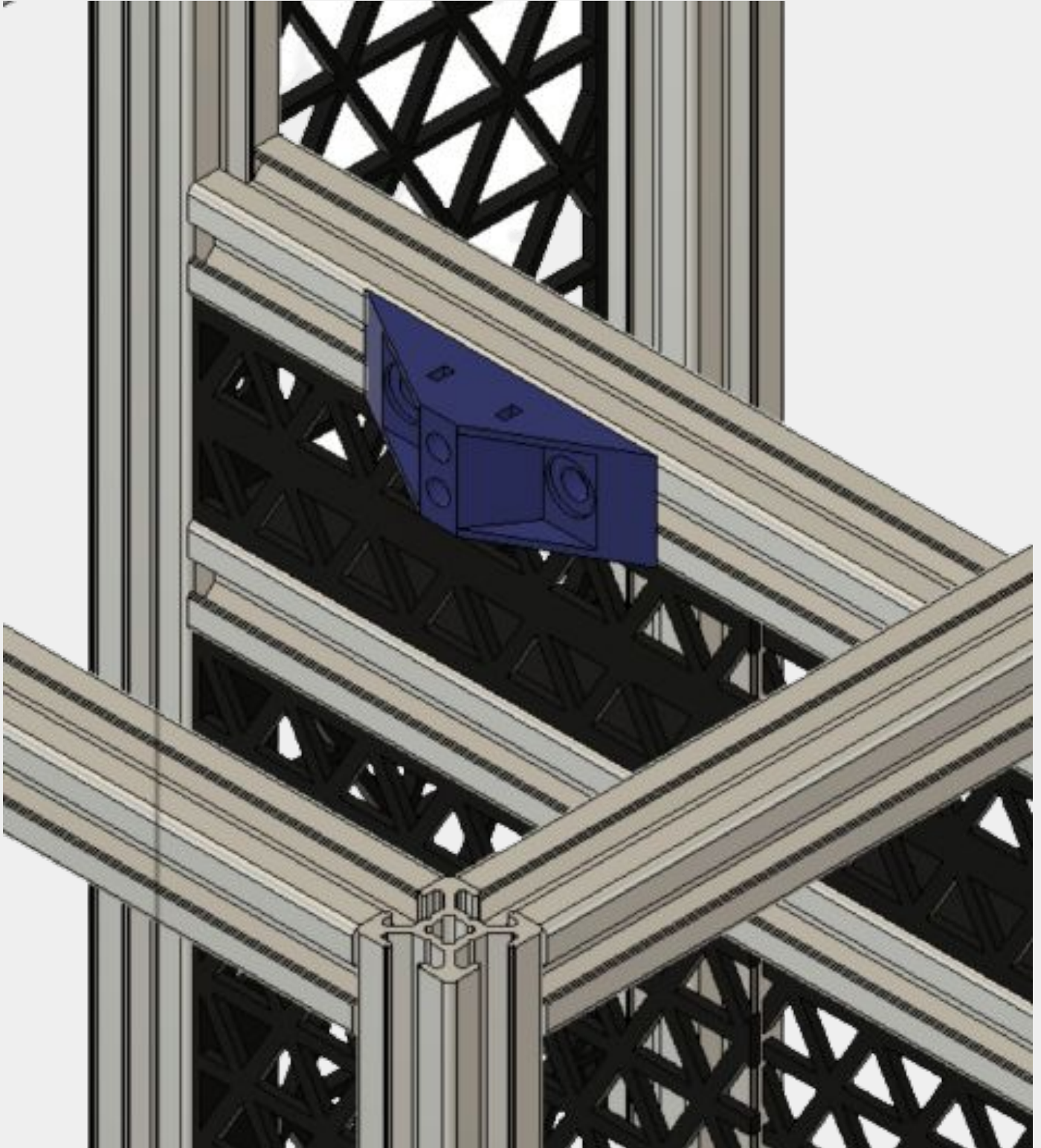
Recommended building method



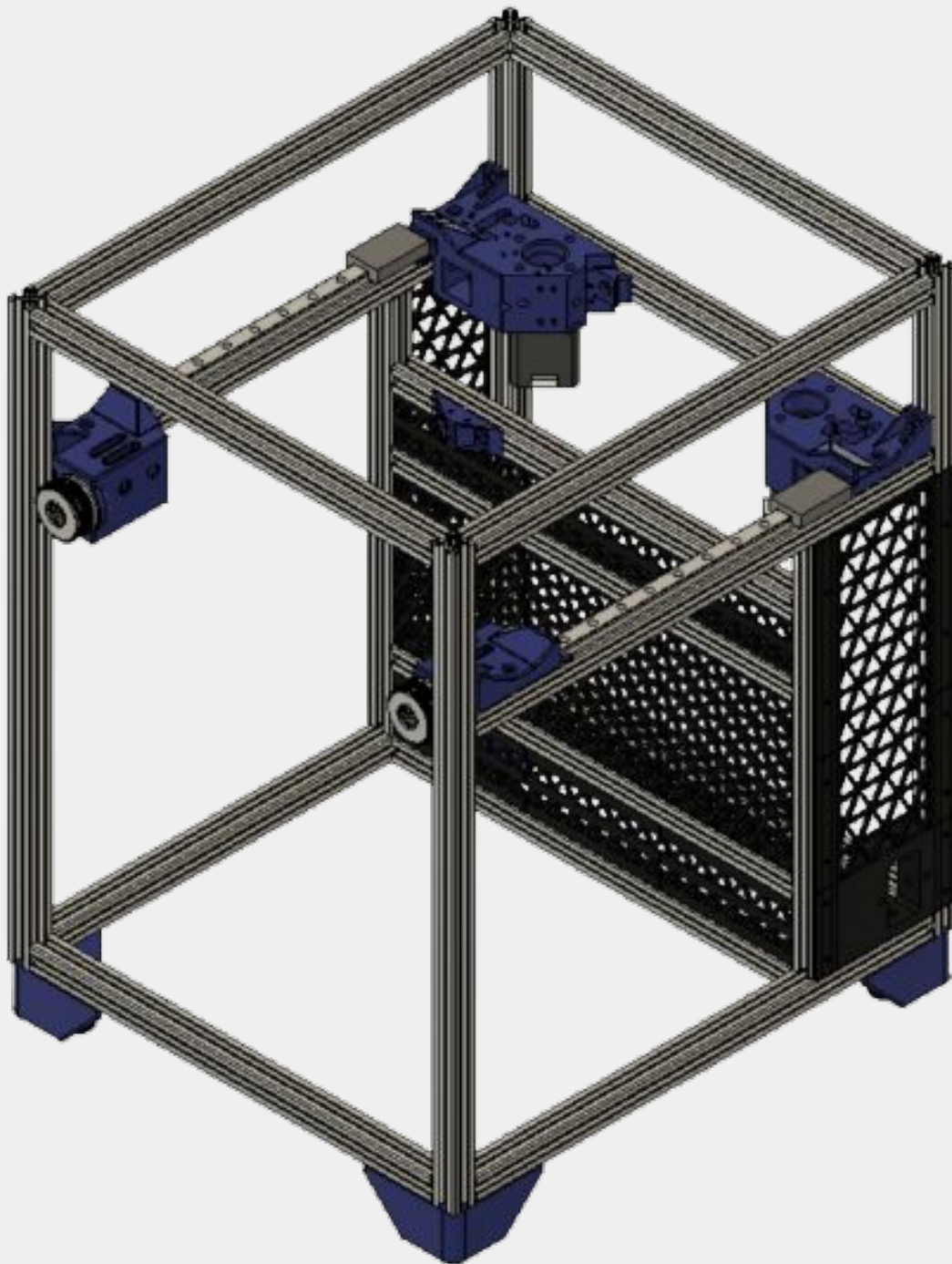
Recommended building method



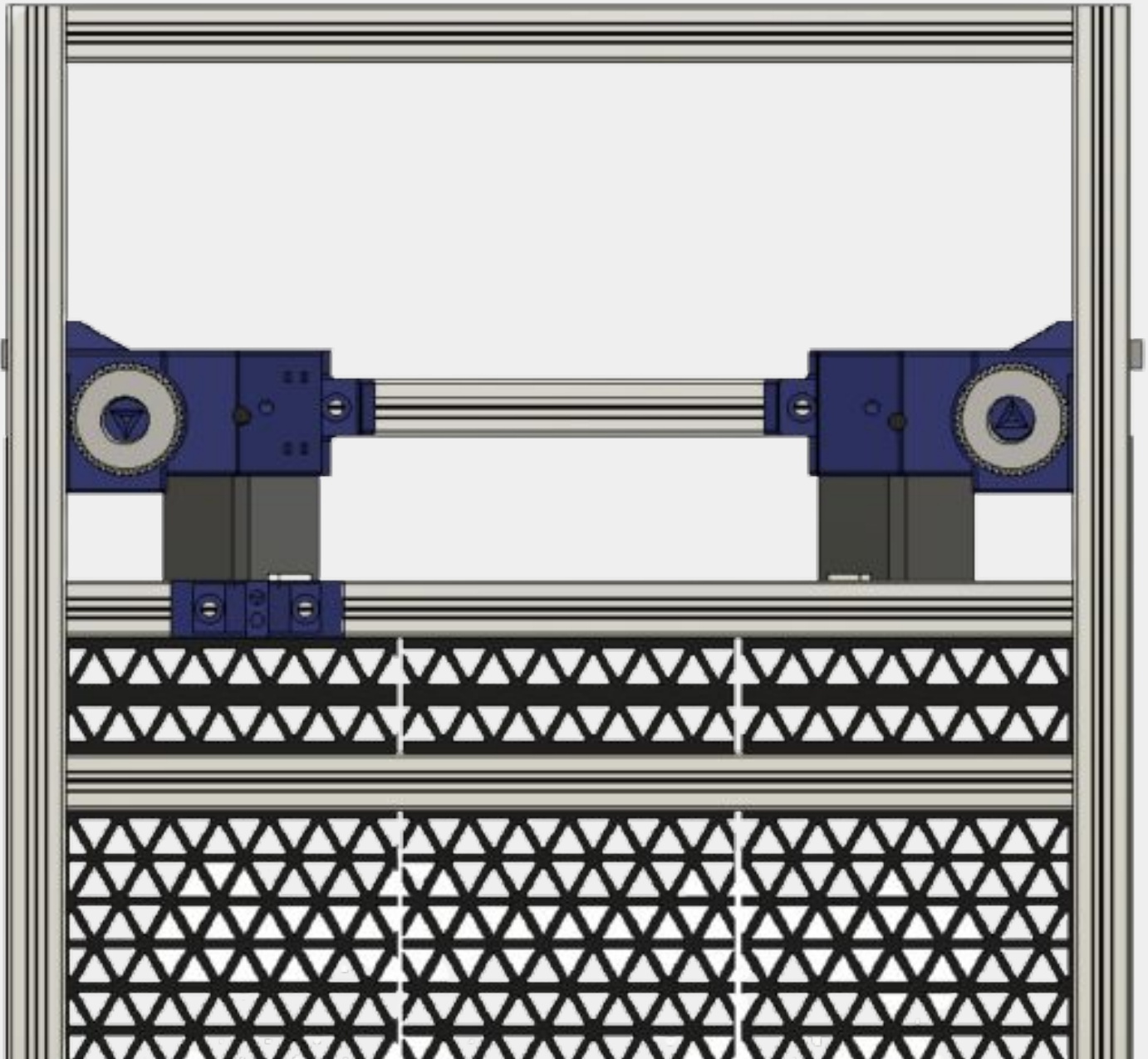
Recommended building method



Y axis



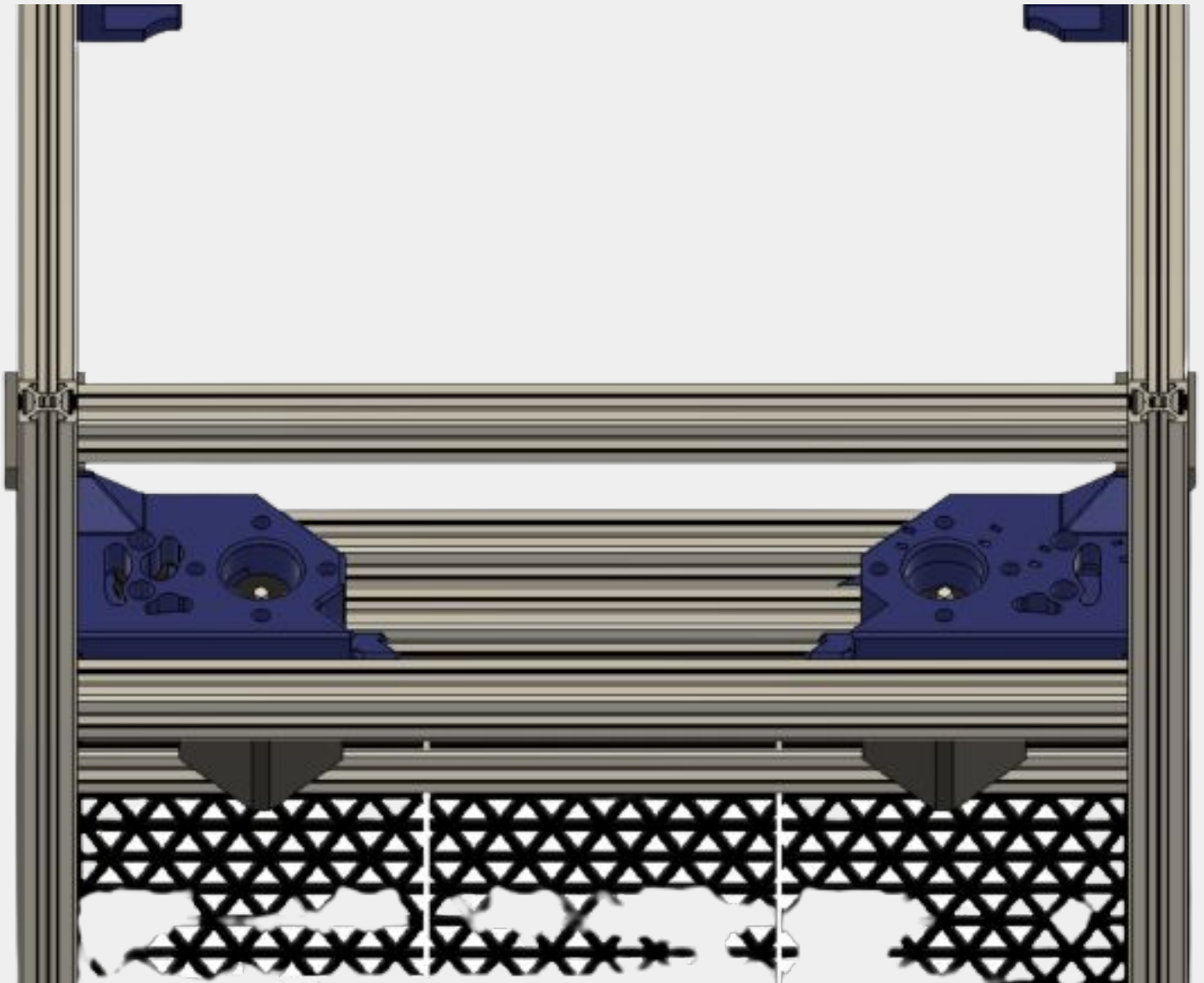
Y axis



Y axis



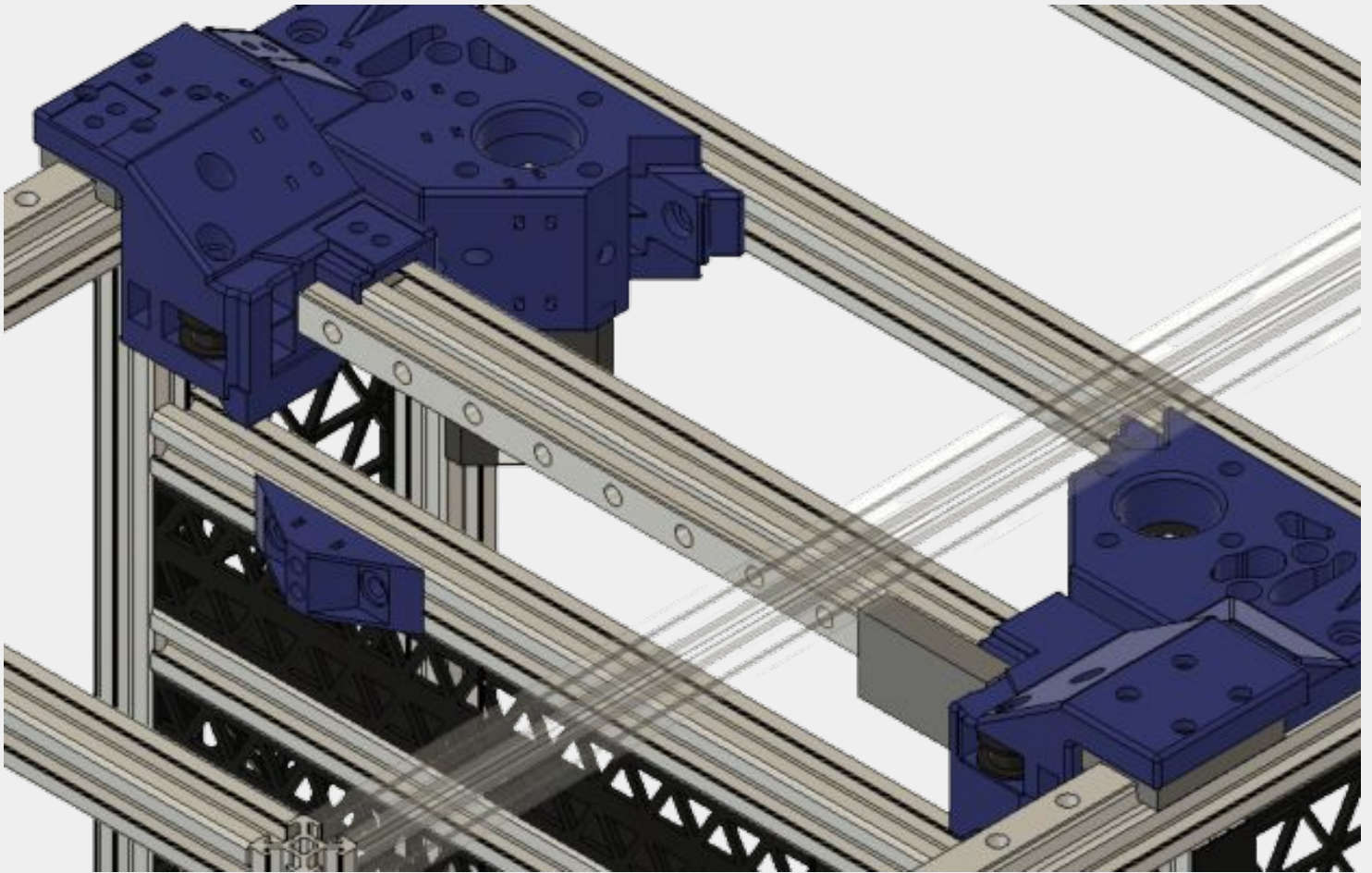
Y axis



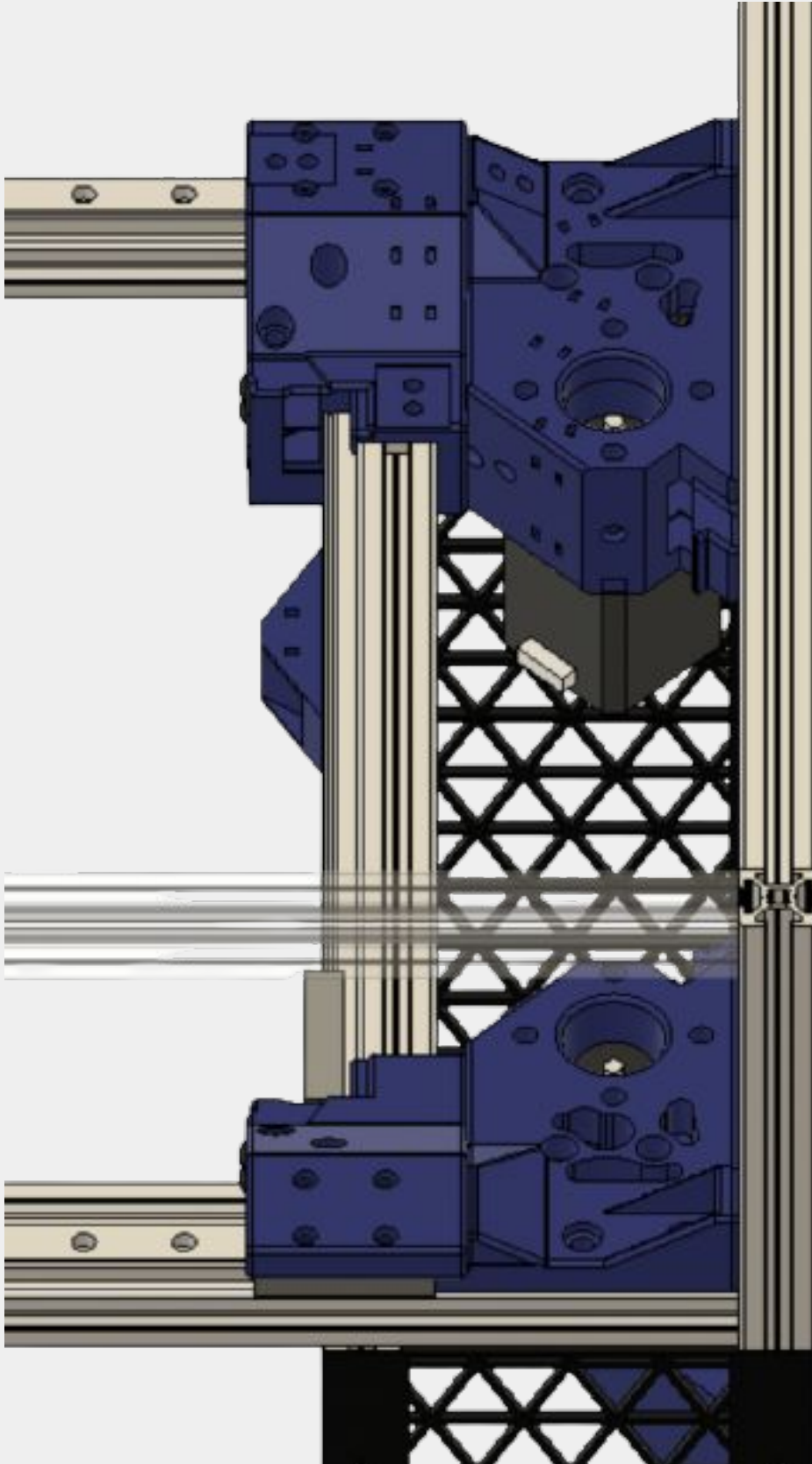
X axis



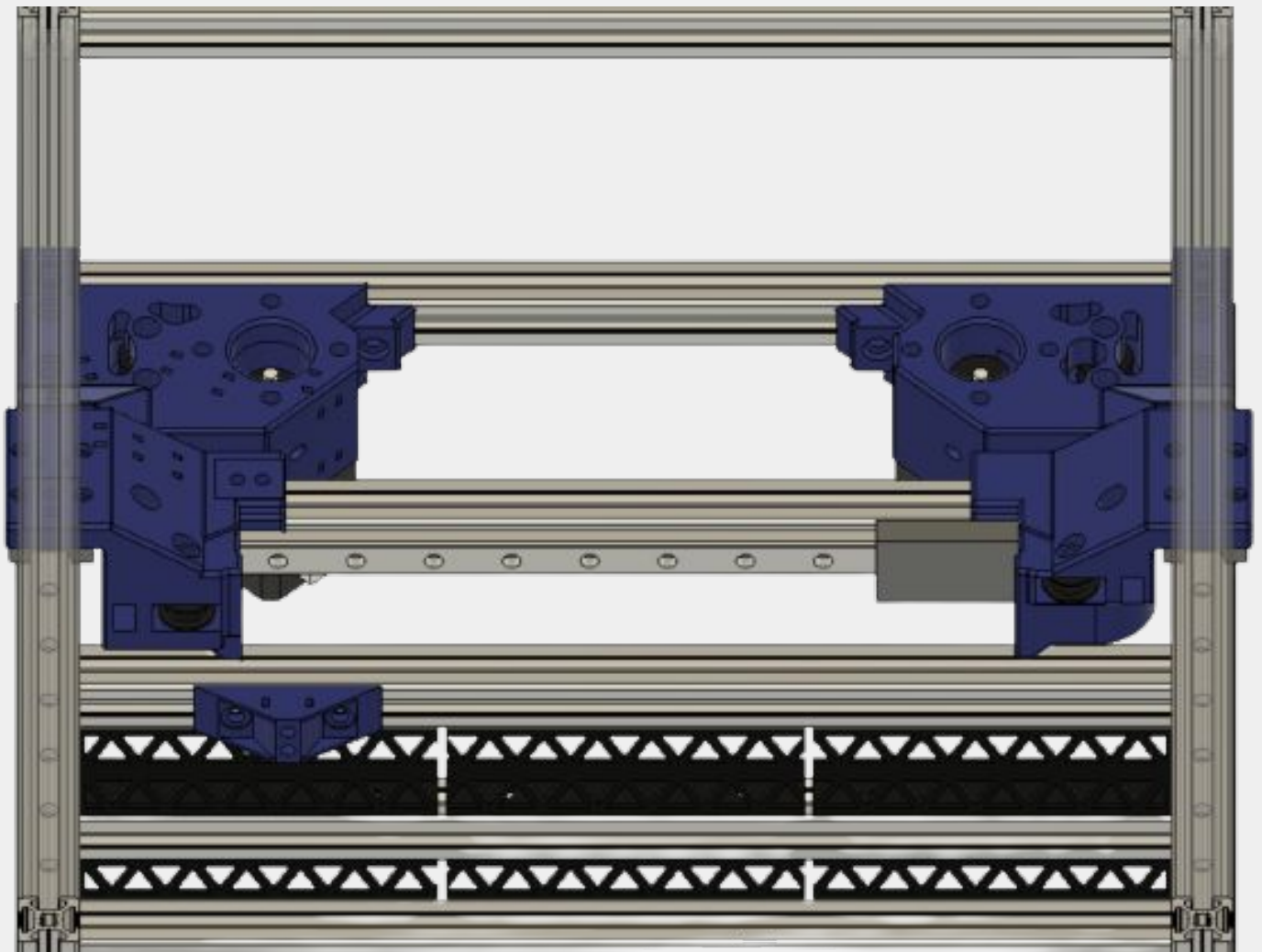
X axis



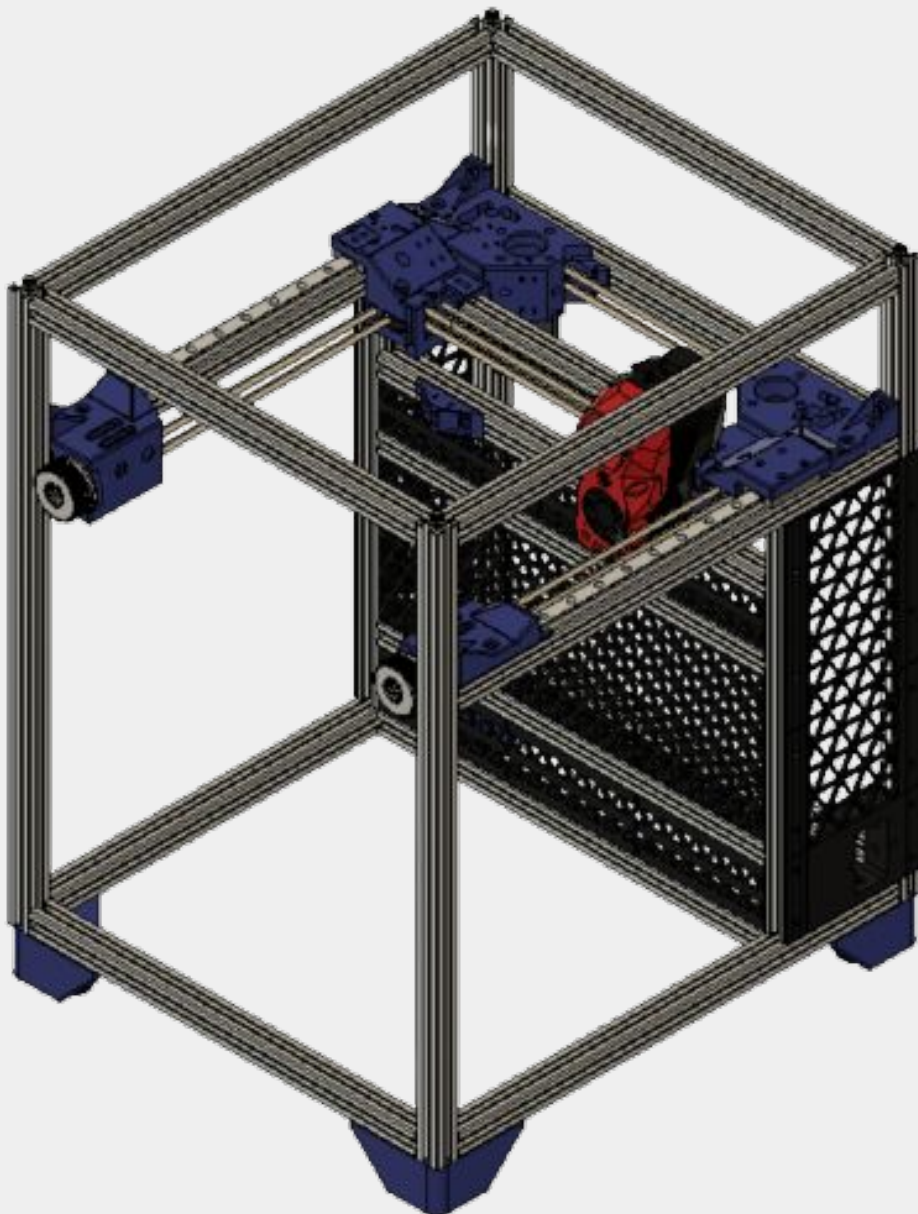
X axis



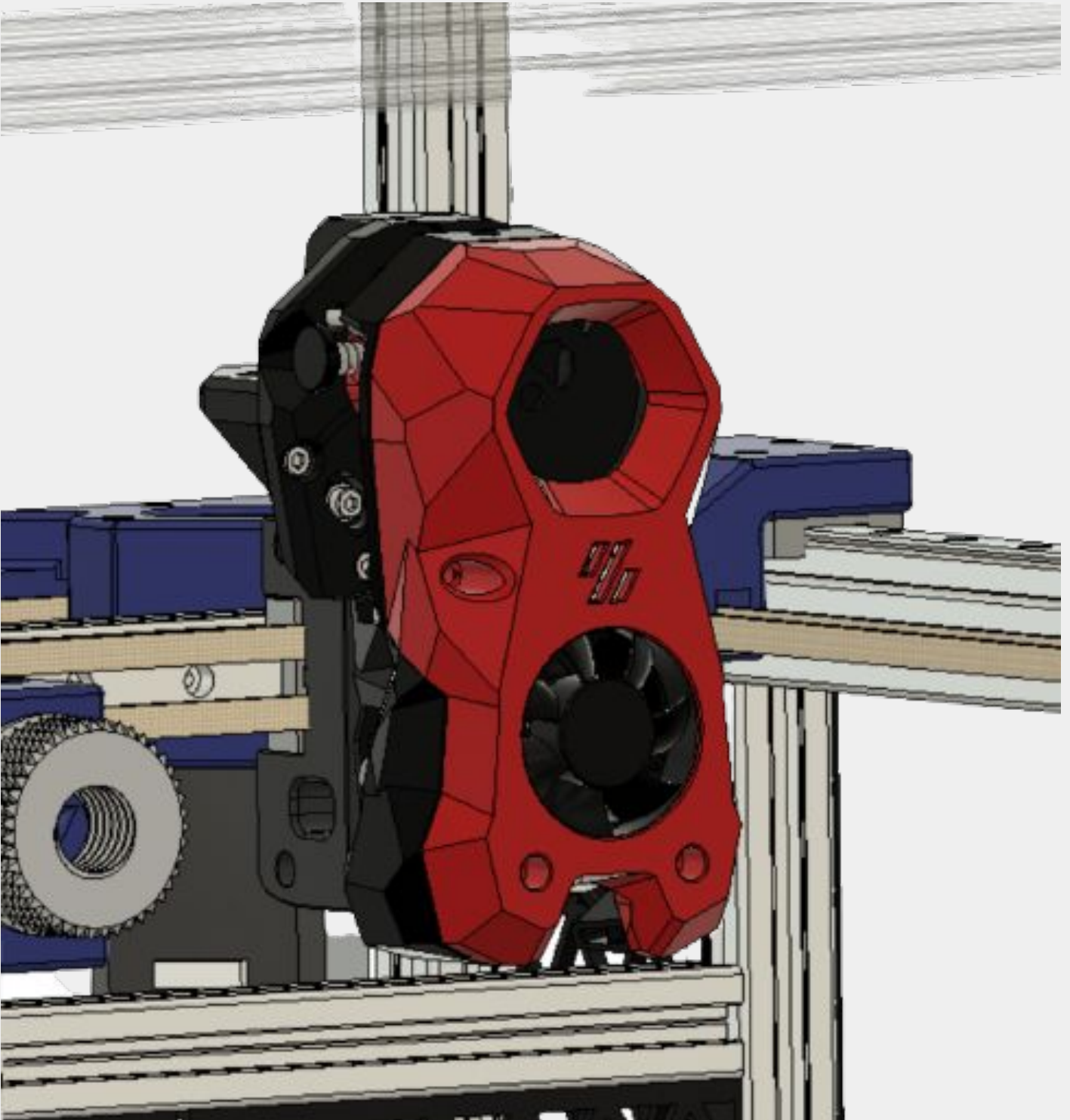
X axis



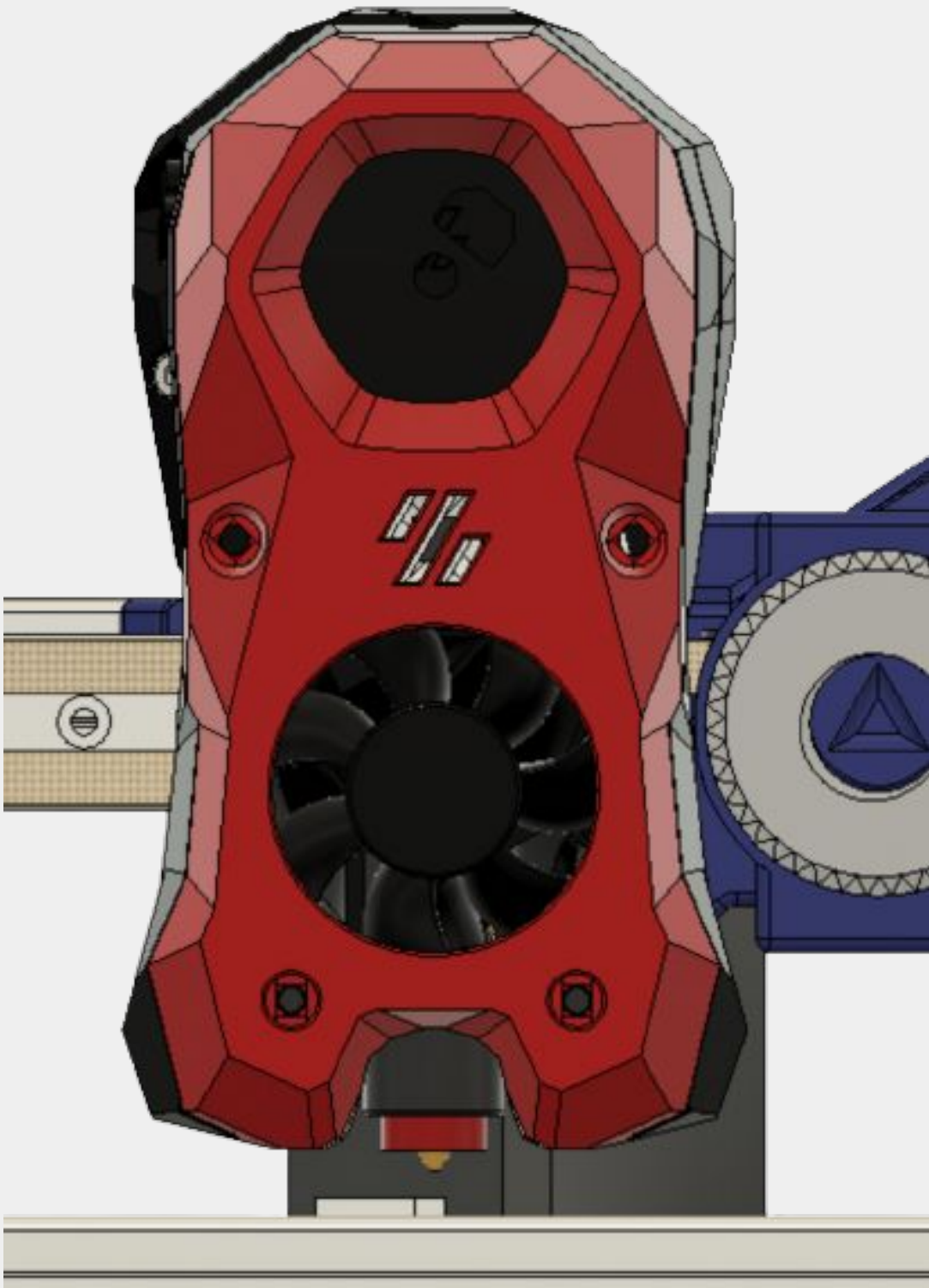
Extruder



Extruder

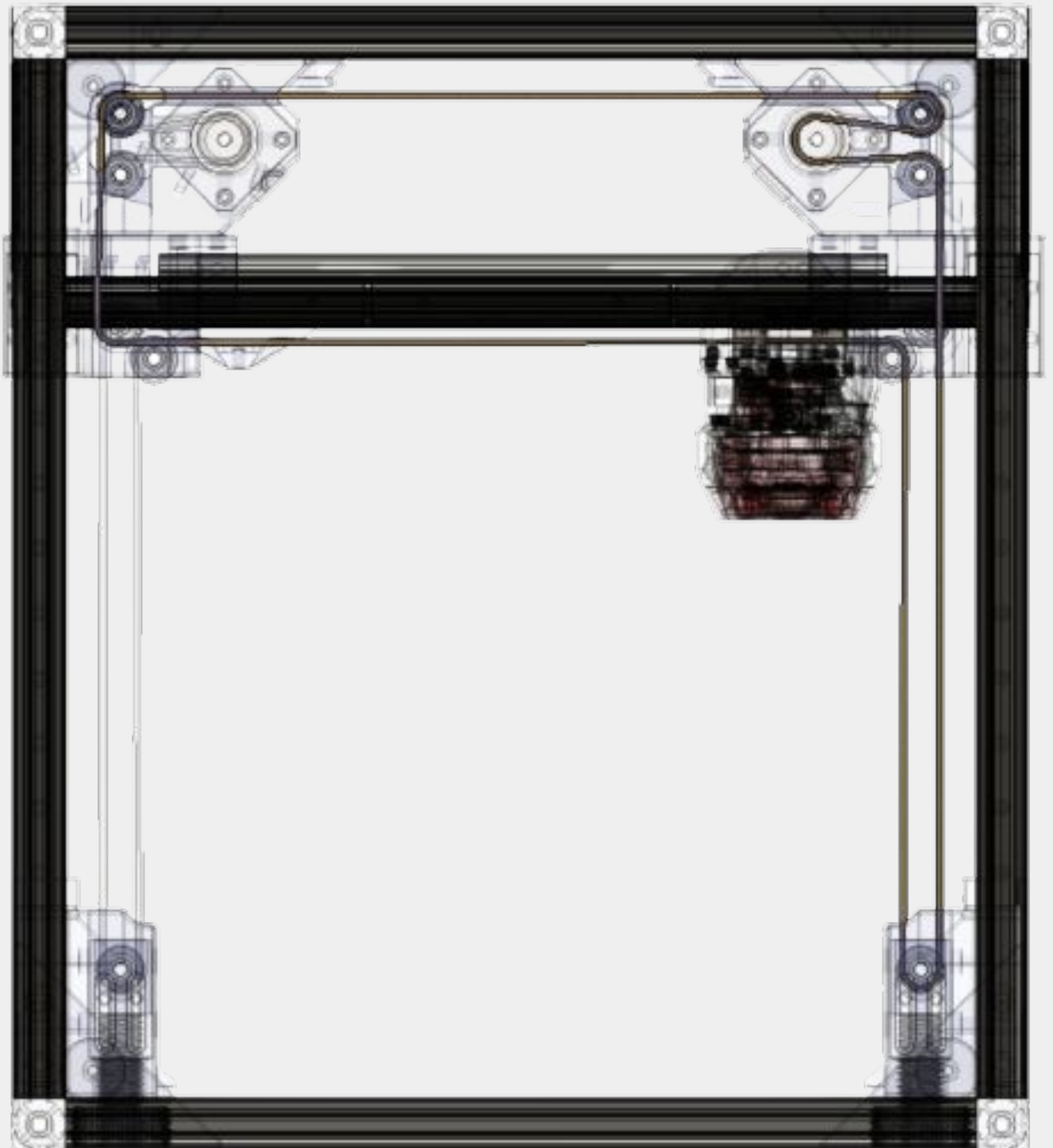


Extruder



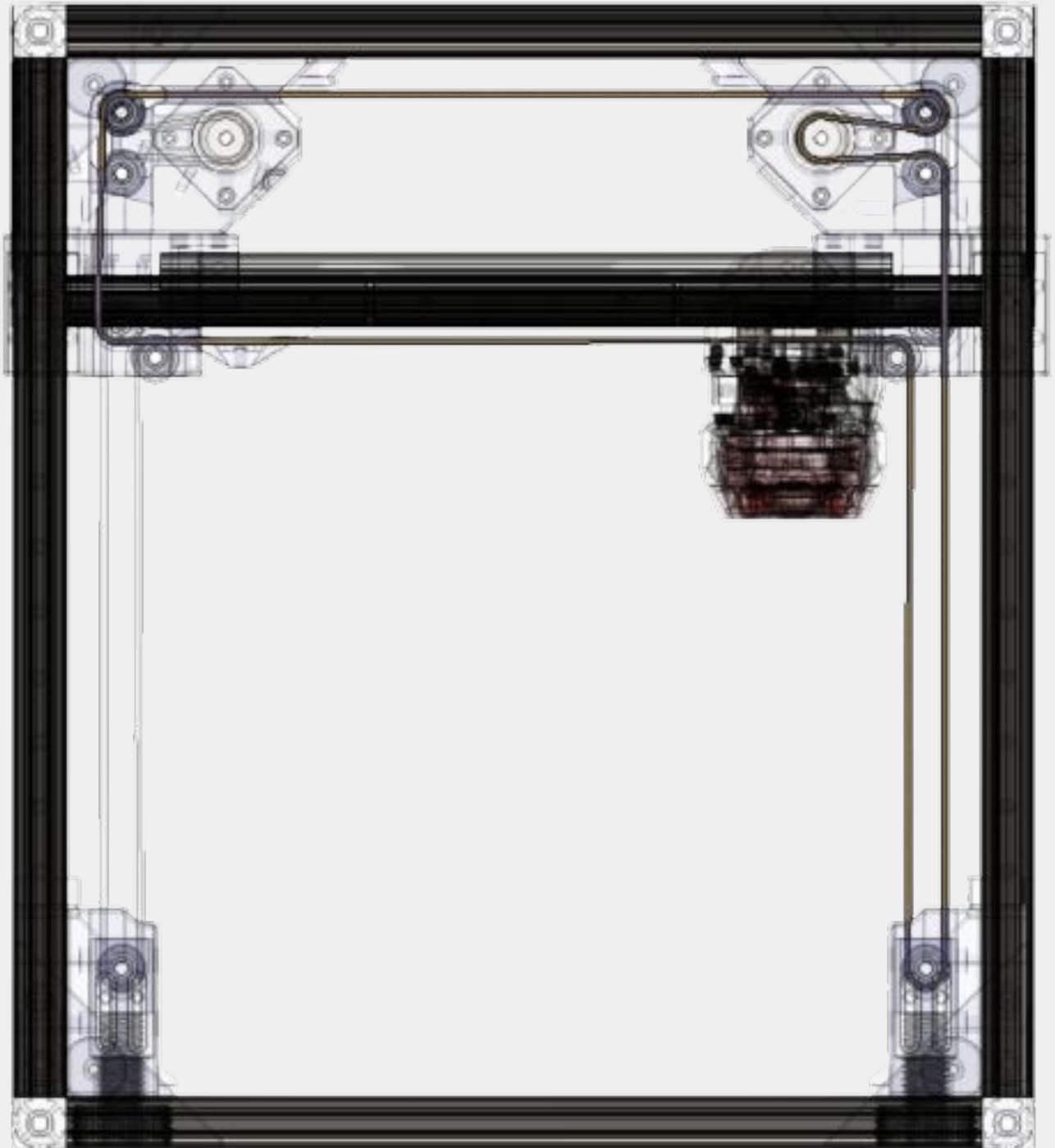
Extruder

- Build the Extruder according to the instructions of Voron
- Use diagram below for belts instalation



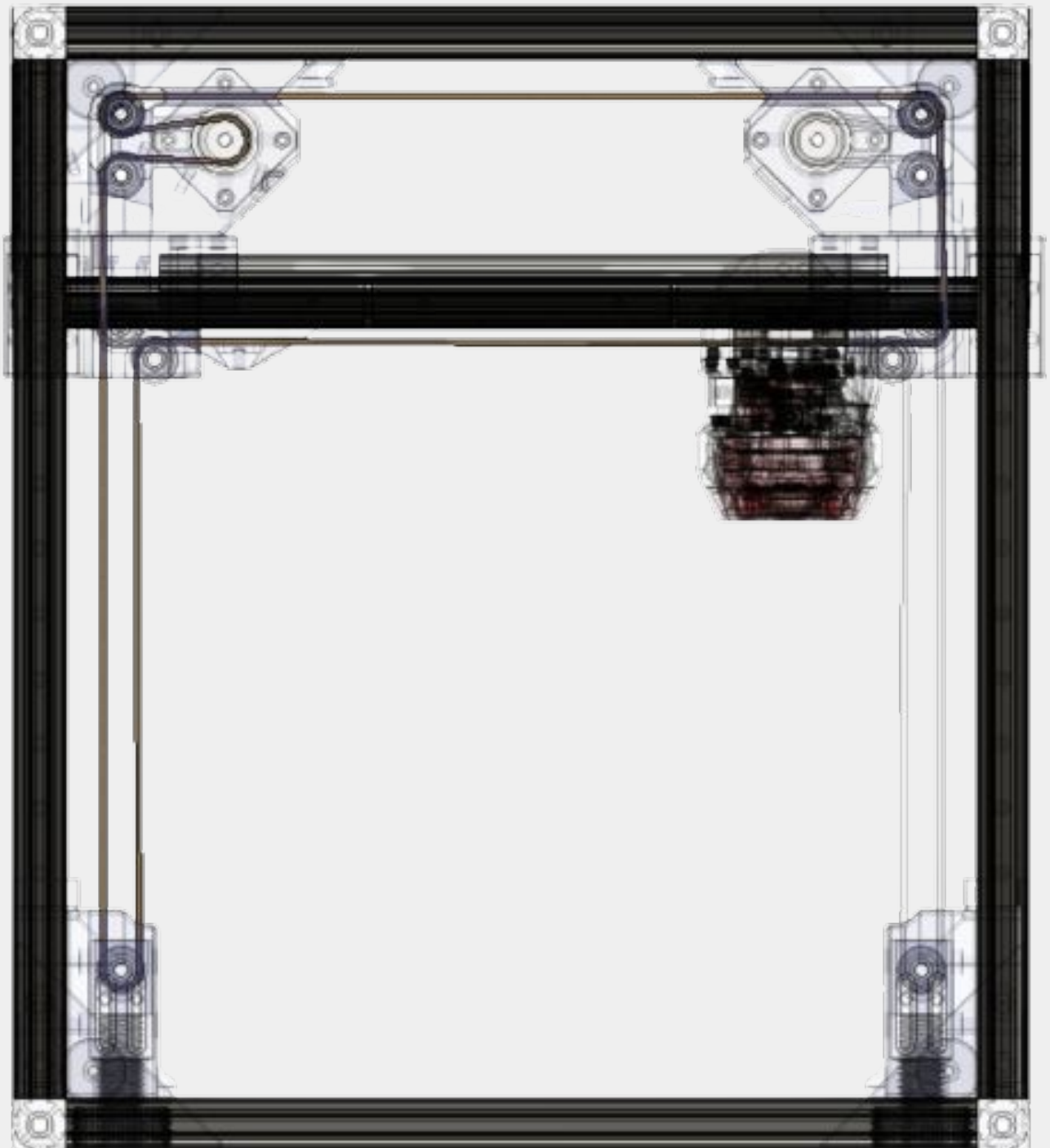
Extruder

- Upper belt

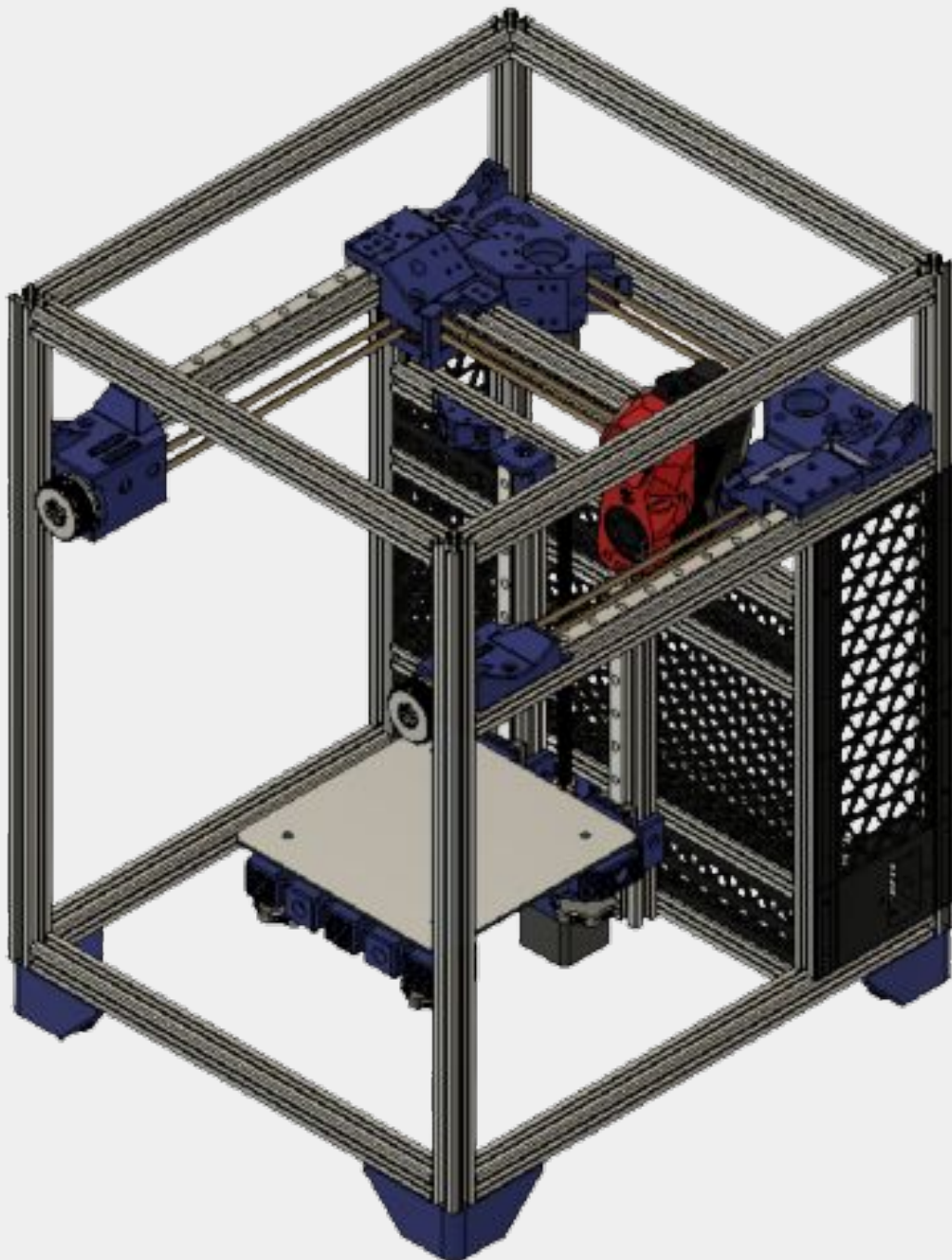


Extruder

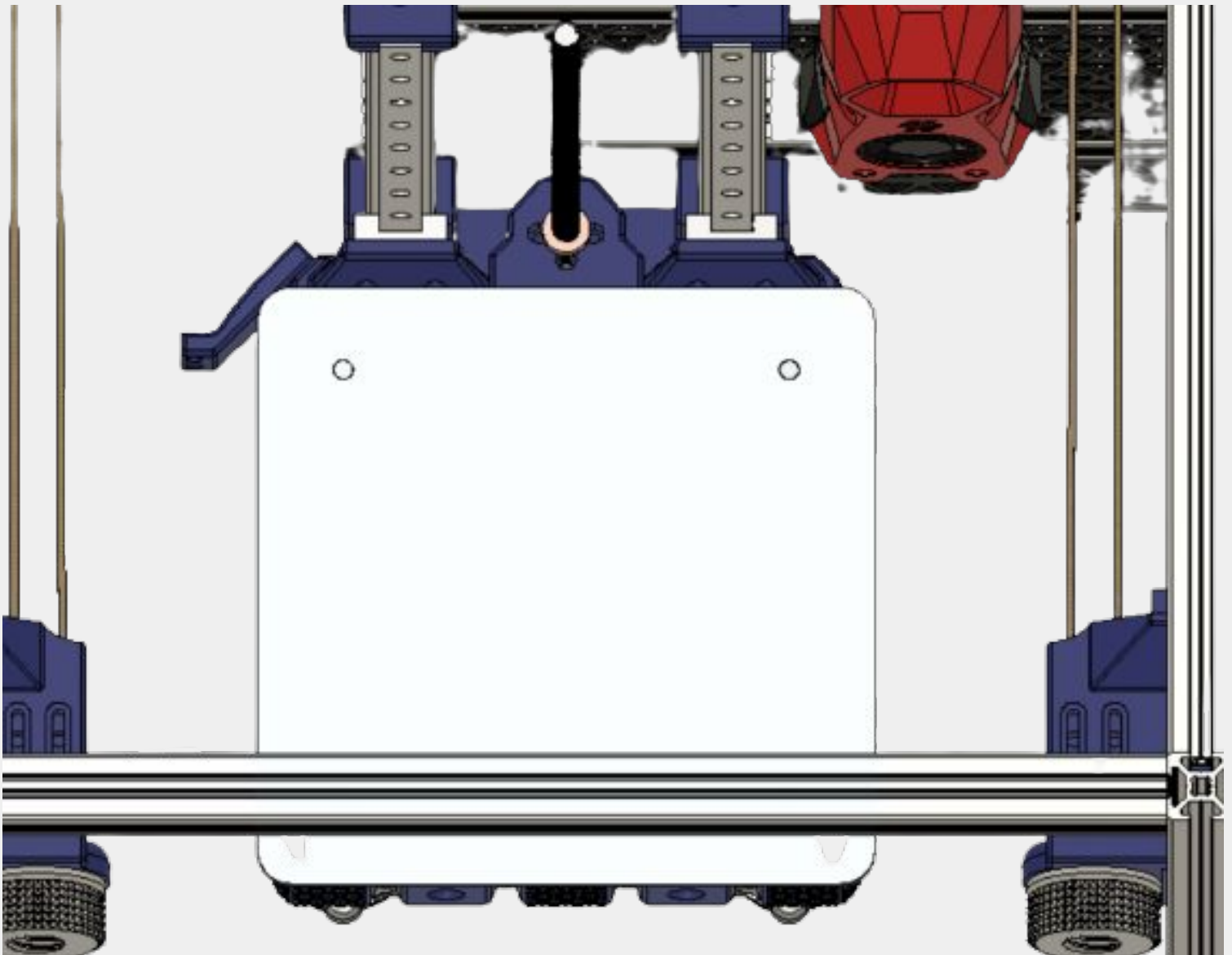
- Lower belt
-



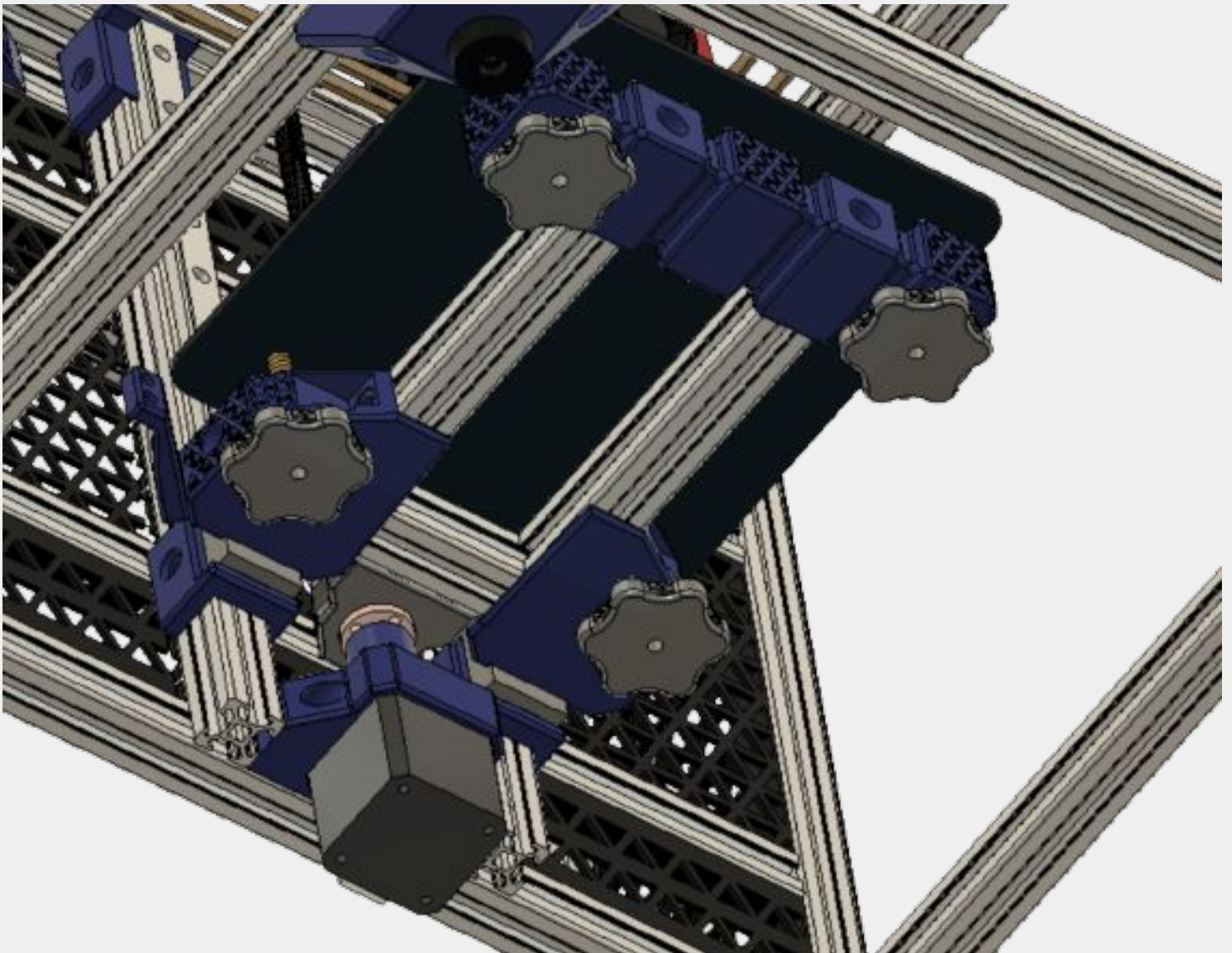
Z axis



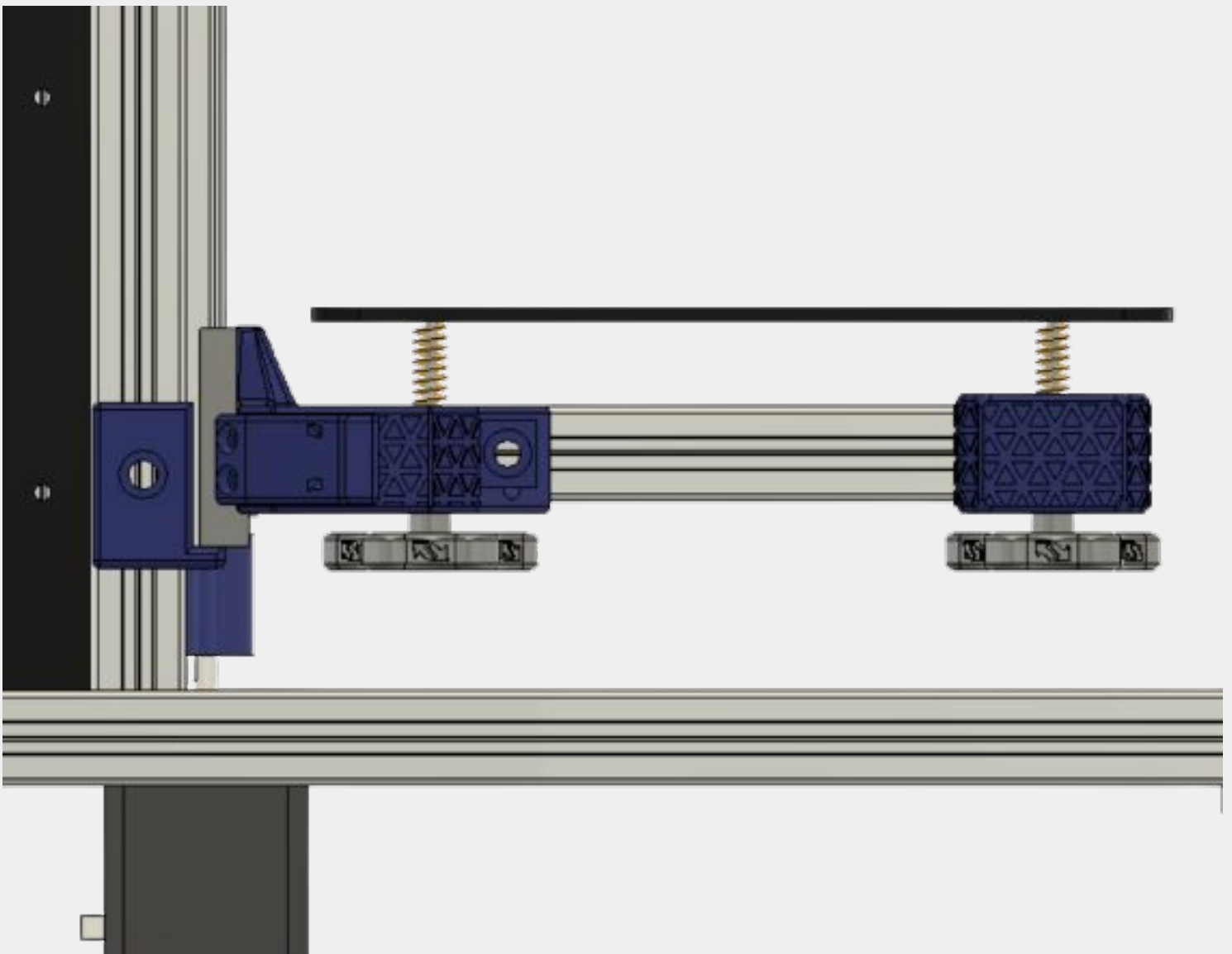
Z axis



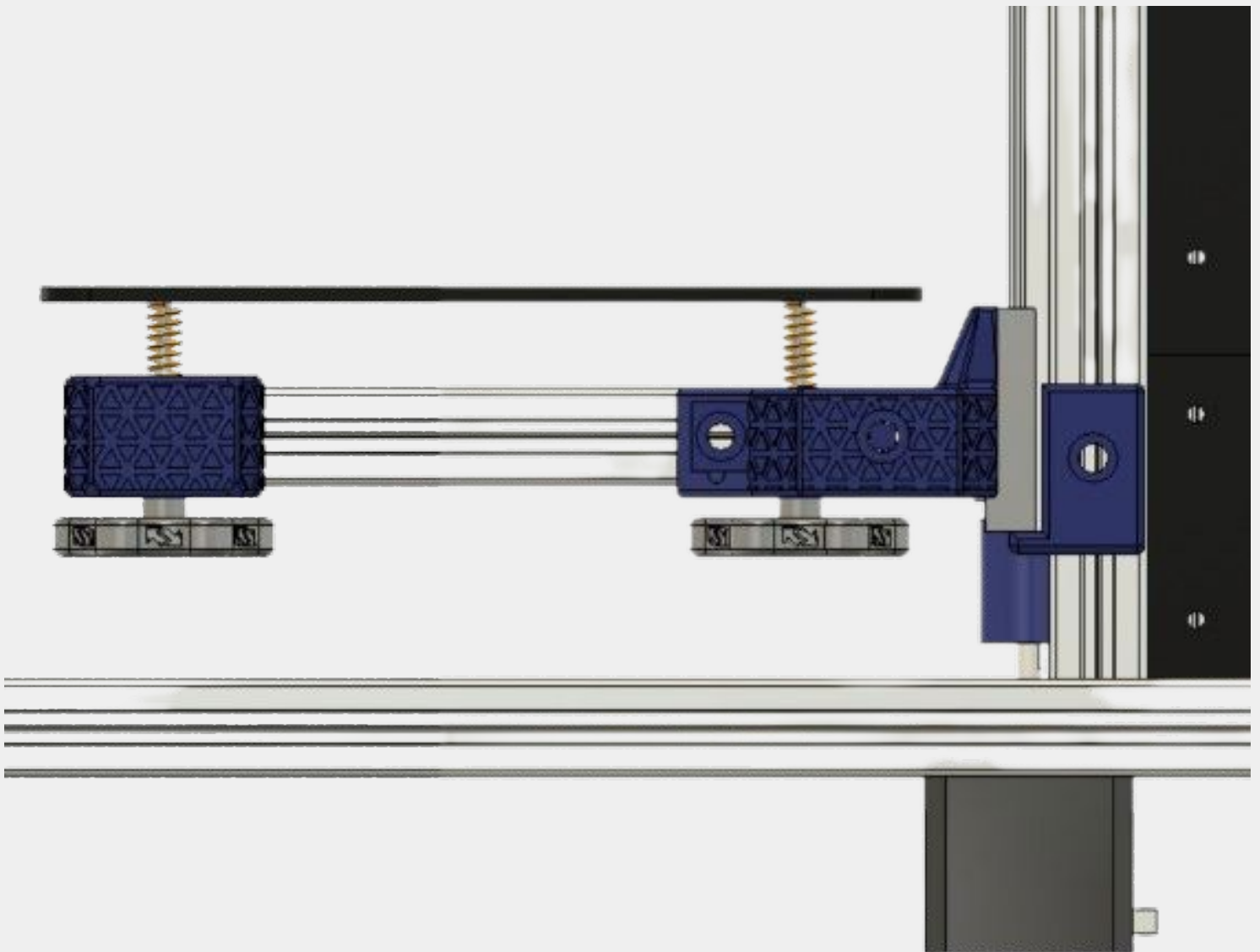
Z axis



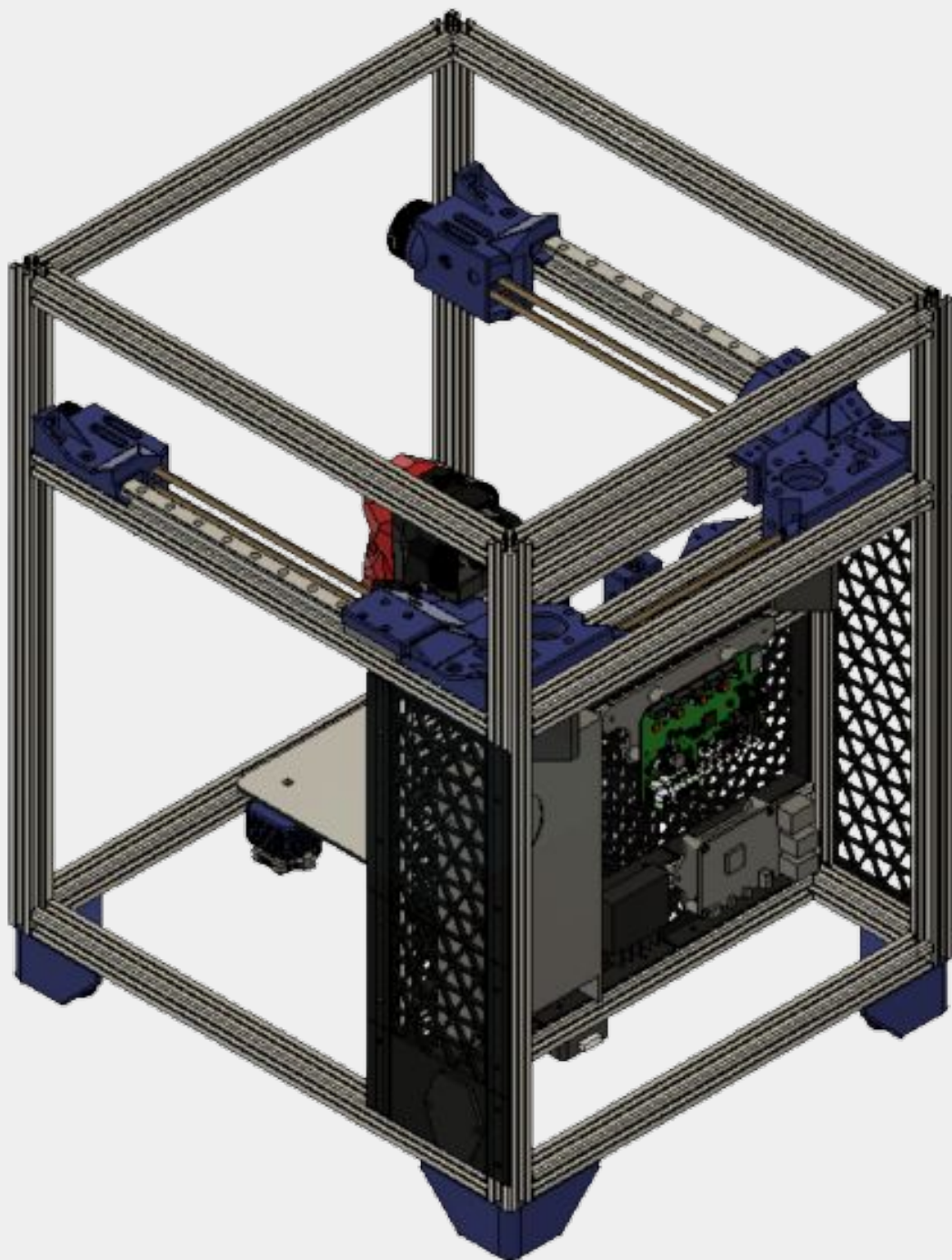
Z axis



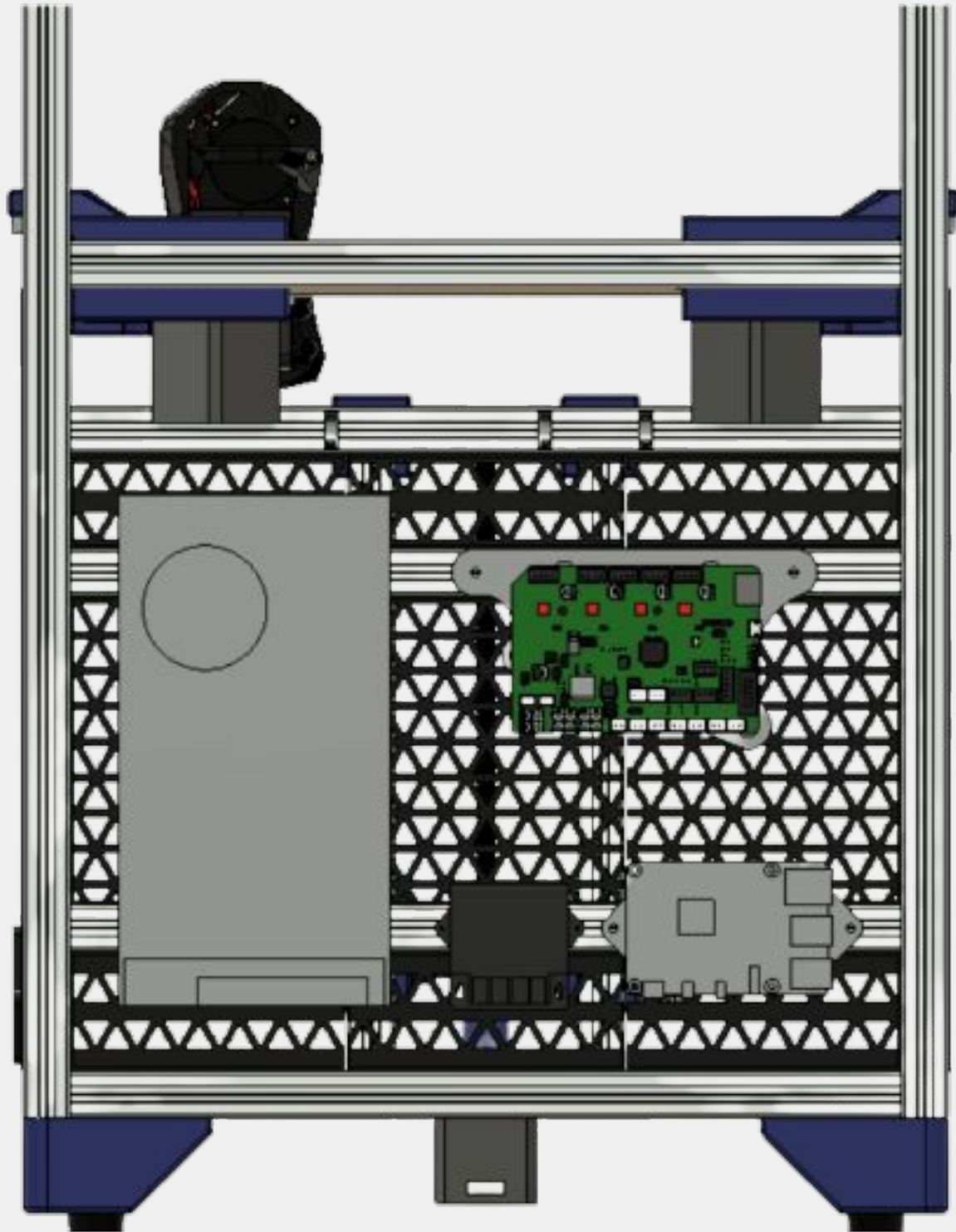
Z axis



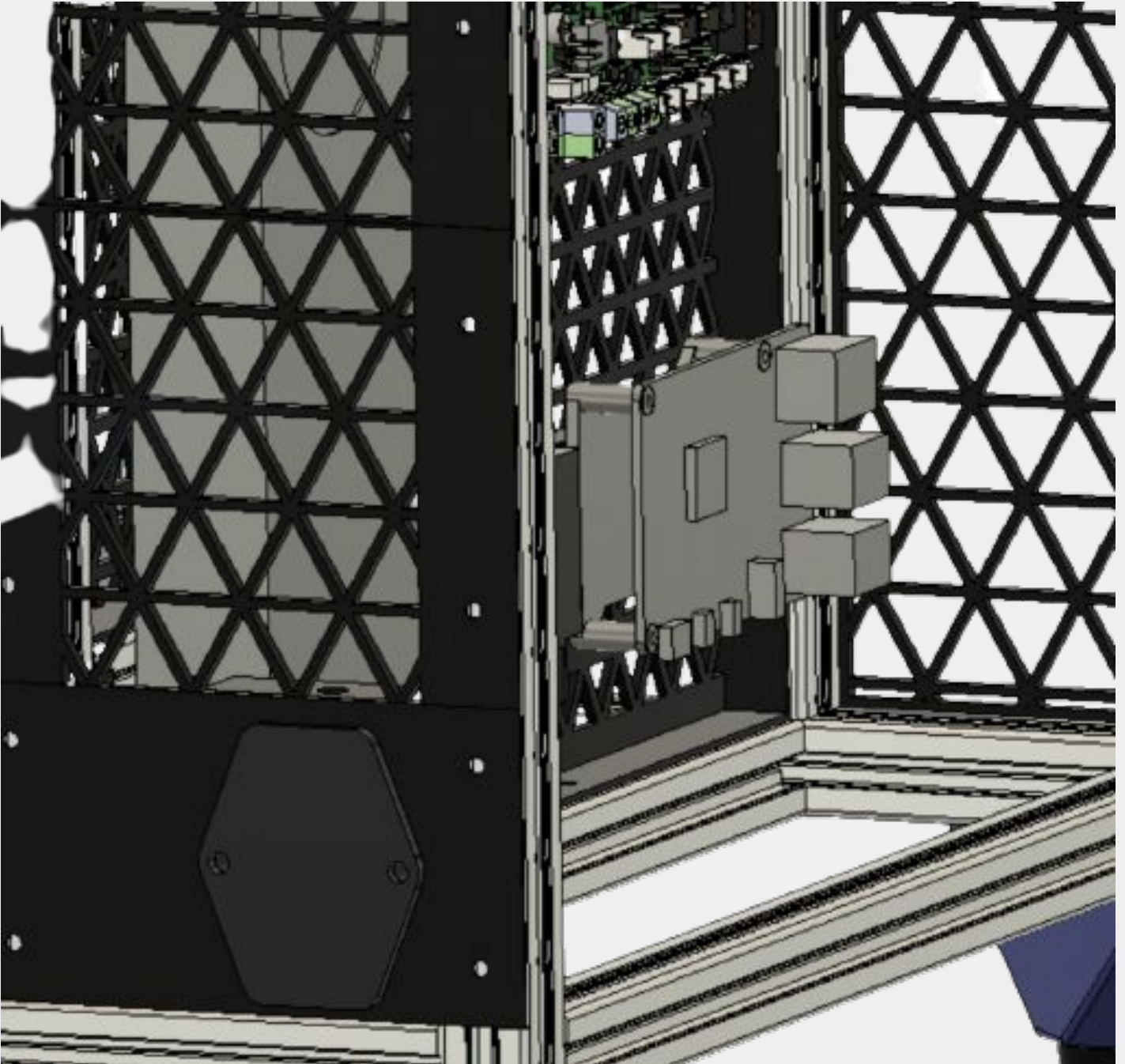
Electronics



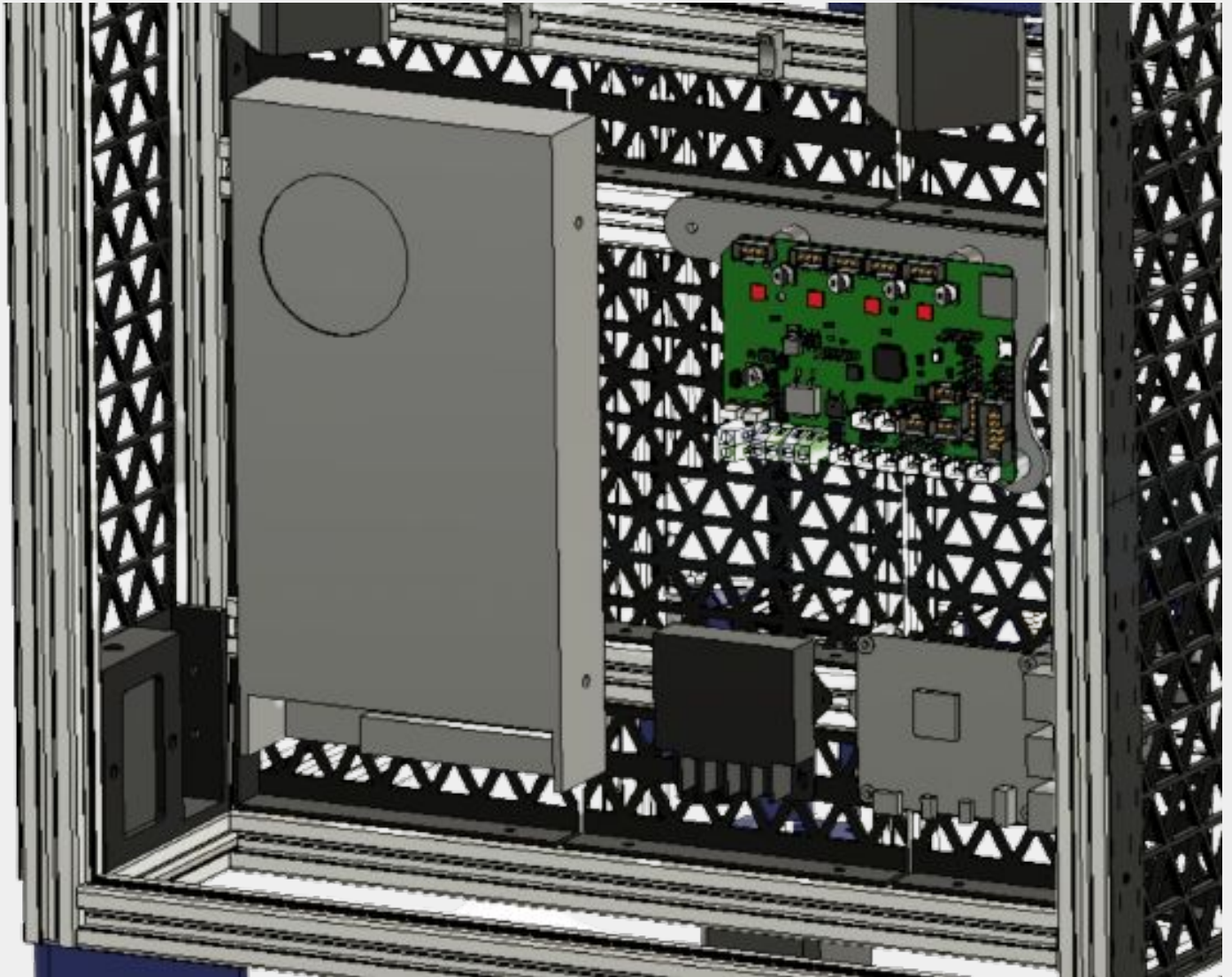
Electronics



Electronics



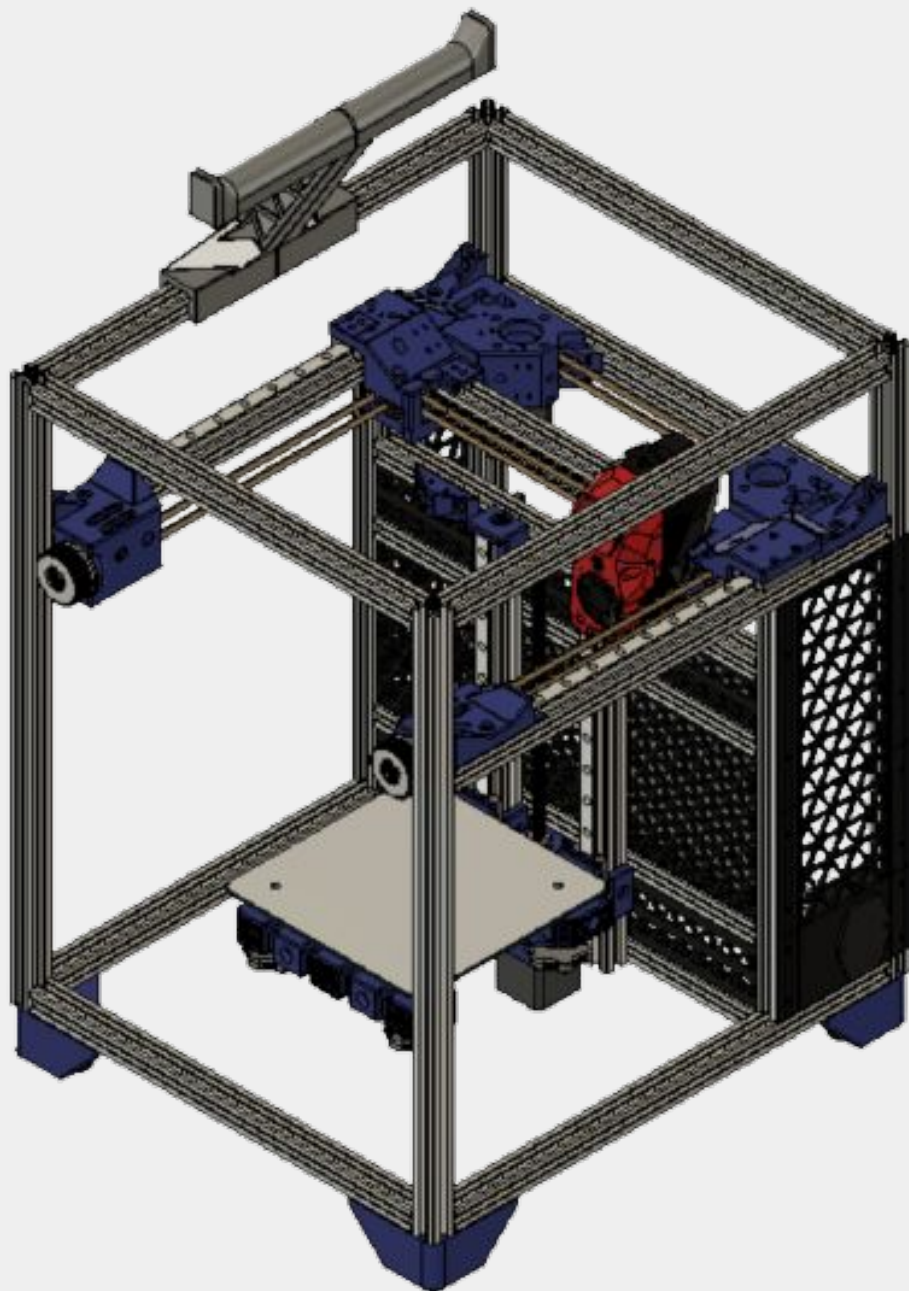
Electronics



Electronics

- Wire the electronics according to the manual for your components
- Electronic components should only be installed by a qualified person
 - Risk of serious injury or death!
- Before connecting to the mains, thoroughly check all electronics and their wiring

Filament holder



Software

- Printer is ready to be used with Klipper
 - When using another software, check if Raspberry Pi is needed
- Run the software according to its instructions