Cardboard Pi

M3

M2.5

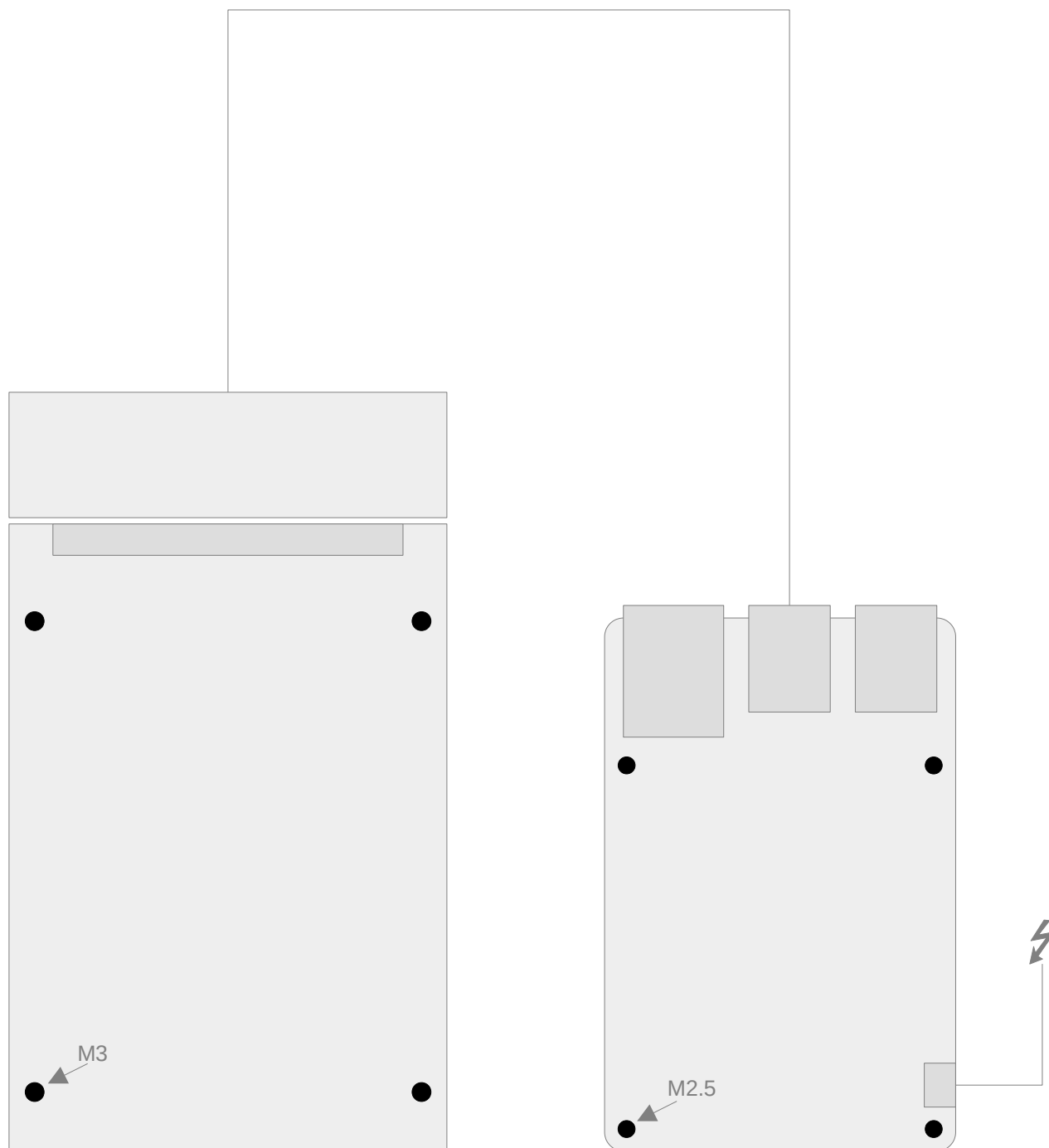## Instructions

Print the template
- Disable the "shrink to fit" feature of your PDF viewer.
- Print on Standard Letter (8½ x 11 or A4).
- Verify the holes line up with the Pi and SSD.

Align template to cardboard
- Cut a piece of cardboard the same size as the template.
- Secure the template to the cardboard with tape or glue.

Punch holes to secure components
Hole size is not critical. Anything from a properly sized drill bit to a common nail can be used to punch holes on the black dots. Drill or punch all the way through.

Attach components
- Align the SSD and attach with M3x5mm screws from the back.
- Press four M2.5x5mm screws through the Pi mounting holes.
- Stack one M2.5x1mm washer on the shaft of each screw.
- Place the Pi on top.
- Add M2.5x1mm washers.
- Secure with M2.5 nuts. Do not over-tighten.
5mm long screws work with 3mm (1/8 inch) cardboard. Use longer screws for thicker material.

Add cable management
- Temporarily plug in the SATA-to-USB adapter, the network cable, and any other USB devices.
- Determine how to best route the cable.
- Cut slots to run hook and loop fasteners through the cardboard.
- Secure the cables.

Mount the cardboard pi plate
There are many options.
- Mount vertically by screwing the corners to a wall in a utility room.
- Punch holes and slip into a 3-ring binder to hide on a bookshelf.
- Stack multiple units using threaded rod and spacers to create a "Pi cluster".
- Do something else entirely.