Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

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Email & Skype: info@chipsmall.com Web: www.chipsmall.com
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

pi-top

INSTRUCTION MANUAL

Welcome

Welcome to the **pi-top** family!

pi-top is very special to us (and so are you, of course!).
We are hugely passionate about this product and are thrilled to provide excellent content so you can learn to make anything. Your support has helped to make this a reality and we thank you for joining us on this exciting maker journey!

We believe **pi-top** is the best way to get started with hardware and software. Open up your box and immediately immerse yourself in a new way of exploring computing - unlocking a world of possibilities. As you grow and learn, **pi-top** will be part of your journey to expand your knowledge - the only limit is your imagination!

So, let's get started! We've kept the manual simple, with a focus on easy image-based instructions. After assembly you can immediately log-in and start your own cool projects, play our educational game **CEED**universe and more!

Step through the world's gateway to technology.

With love,

The **pi-top** Team

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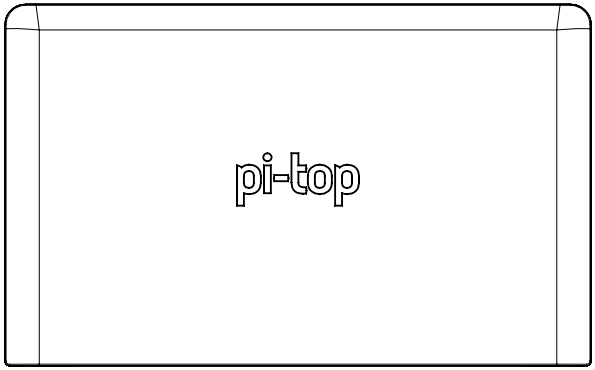
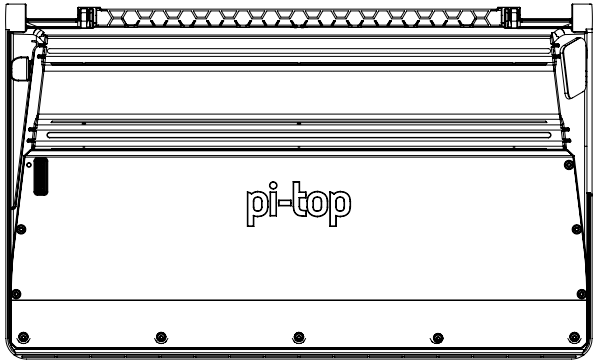
6	Step 2: Prepare Base
7	Step 3: Attach Lid
12	Step 4: Secure Hub
17	Step 5: Install Micro Computer
18	Step 6: Plug in Cables
20	Step 7: Prepare Base Top
22	Step 8: Attach Base Top
29	Using your **pi-top**

Getting Ready: What's in the Box?

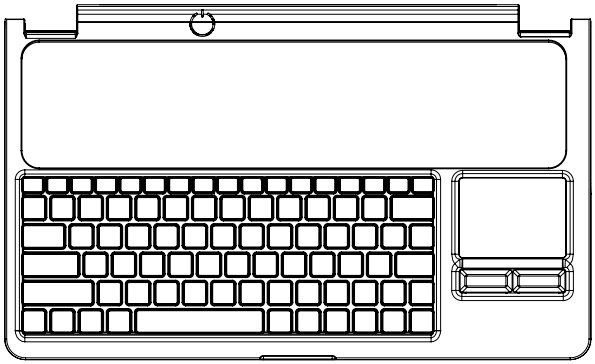
LID



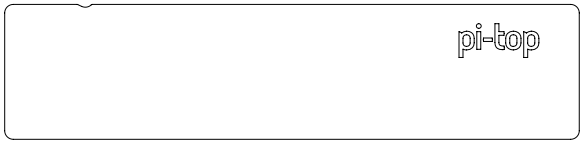
*BASE



BASE TOP



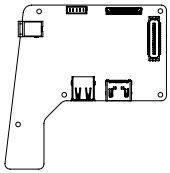
ACRYLIC SLICE



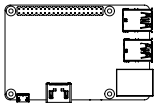
*Warning: Base houses pi-top's Smart Battery Pack which contains lithium polymer cells – handle with great care.

Getting Ready: What's in the Box?

HUB

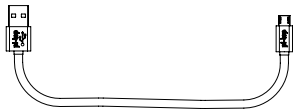


MICRO COMPUTER



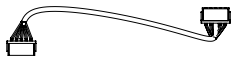
HDMI CABLE

MICRO USB CABLE

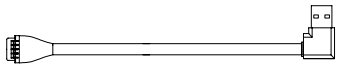


GPIO BREAKOUT CABLE

POWER CONTROL CABLE



KEYBOARD CABLE

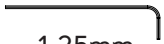


*PCB SCREWS X8 (Silver)

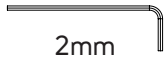
*PCB SPACERS X8 (Brass)

*M2.5 NUTS X9

*SML ALLEN KEY

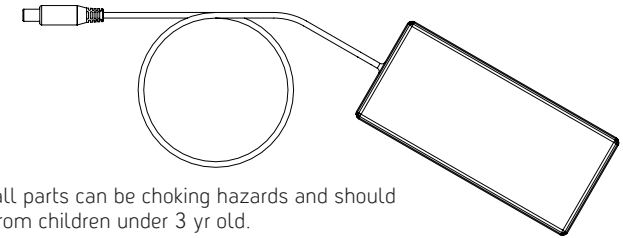


*LRG ALLEN KEY

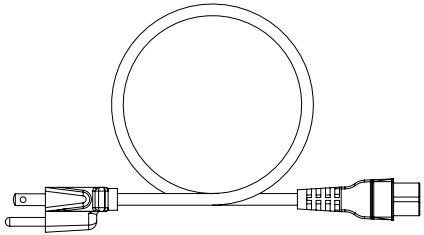


*MICRO SD CARD

AC TO DC ADAPTER



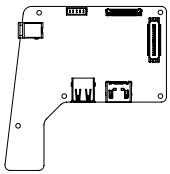
MAINS AC CABLE

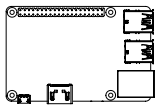


*Warning: Small parts can be choking hazards and should be kept away from children under 3 yr old.

Step 1.1: Prepare PCBs

YOU WILL NEED

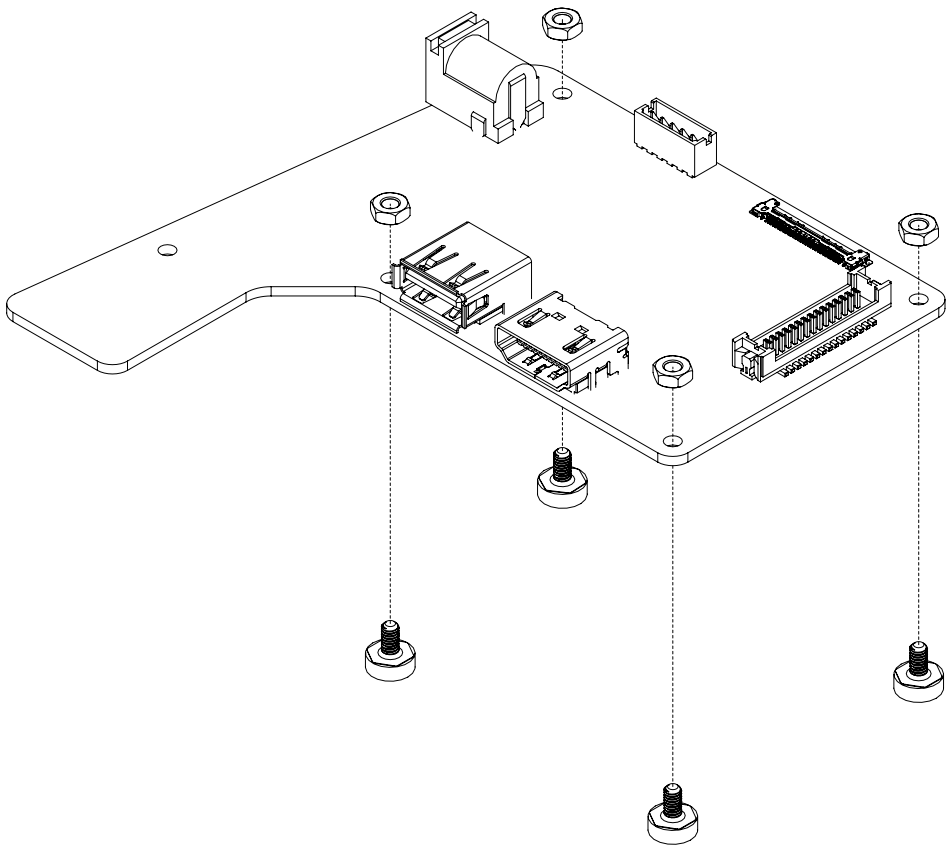




PCB SPACER
(Brass)

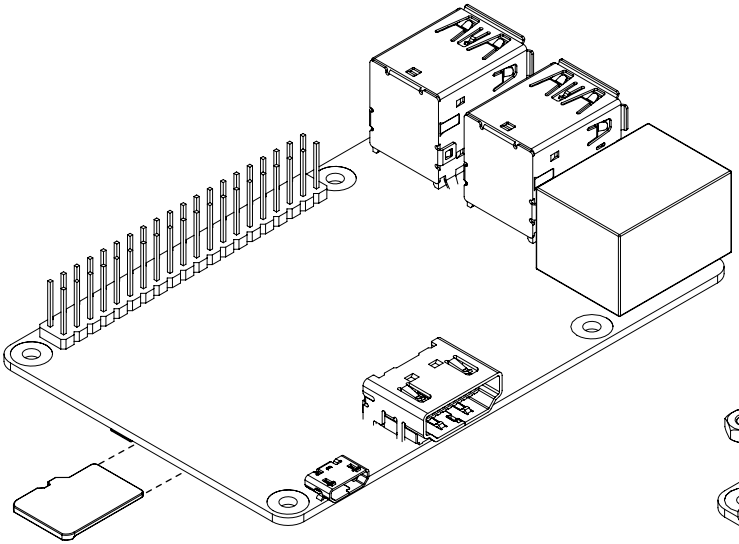
x 8

x 8



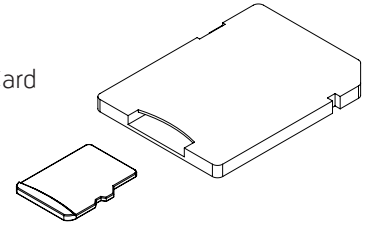
Caution: Be sure to work on a surface free of static electricity.

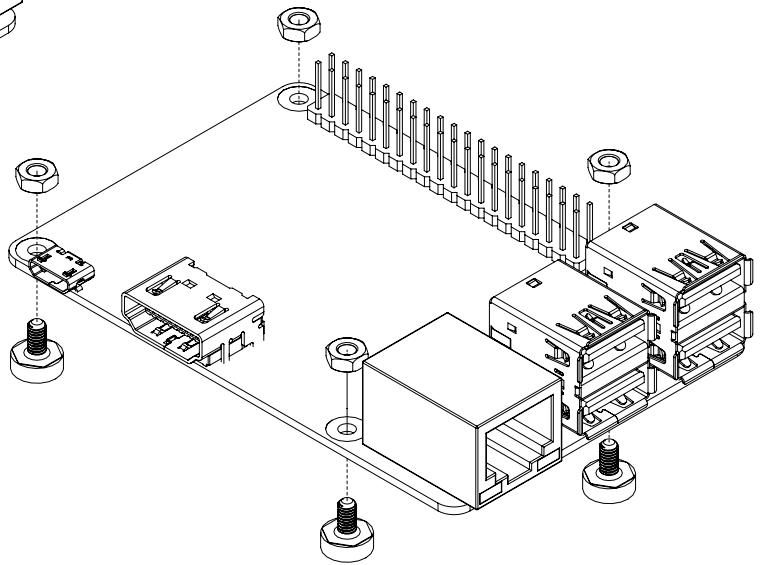
Step 1.2: Prepare PCBs



Insert micro SD Card into slot
underneath your Micro Computer

Remove the micro SD Card
from the adapter.

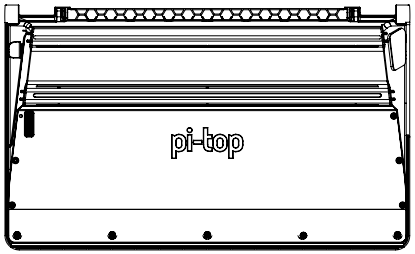


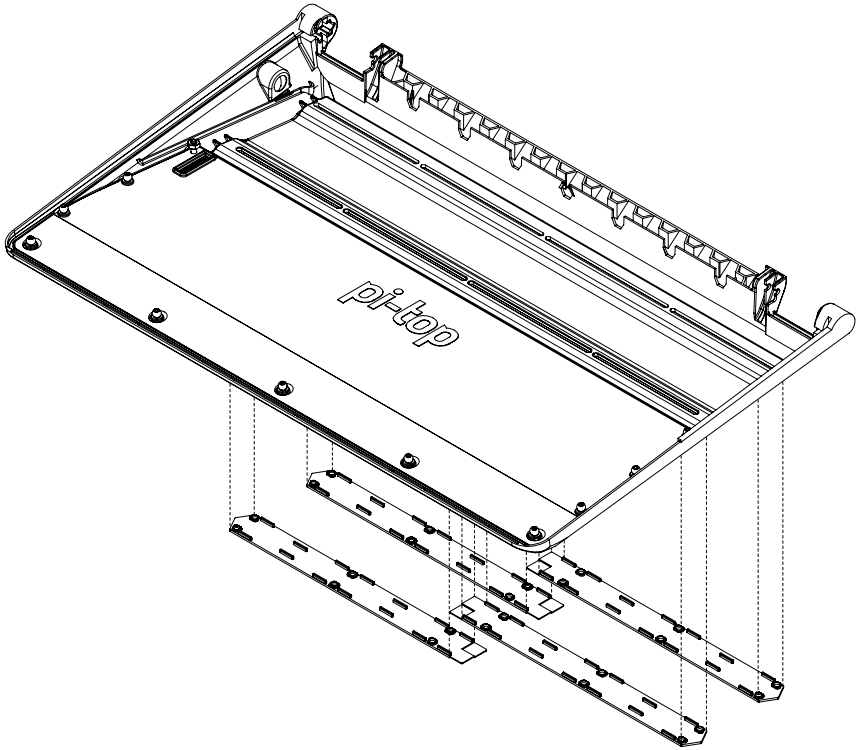


Caution: Keep spacers and nuts away from PCB tracks and components to avoid damaging PCB

Step 2: Prepare Base

YOU WILL NEED

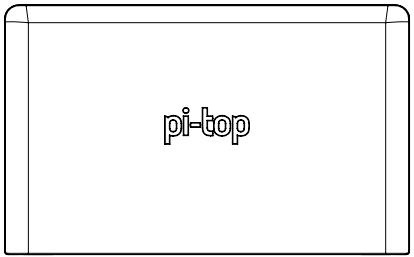


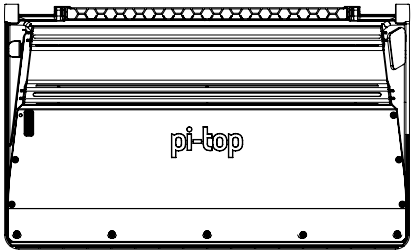


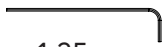
Remove Rail Covers from bottom of the Base. They can be gently pushed out from inside Base useing the Small Allen Key. They are magnetically attached and you can re-attach them after you finish the whole assembly to keep your **pi-top** looking neat.

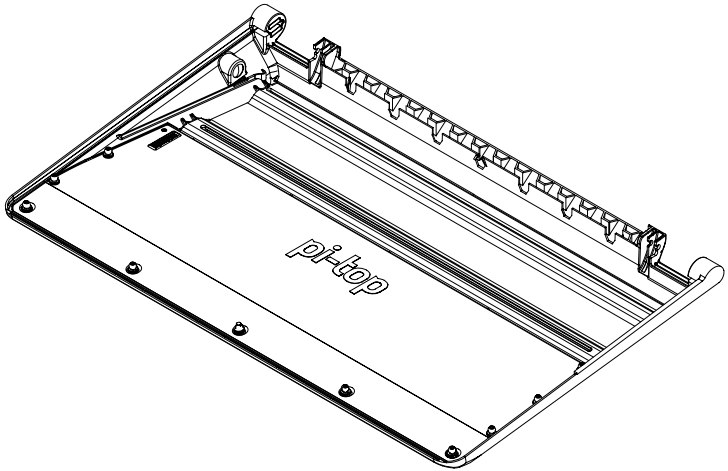
Step 3.1: Attach Lid

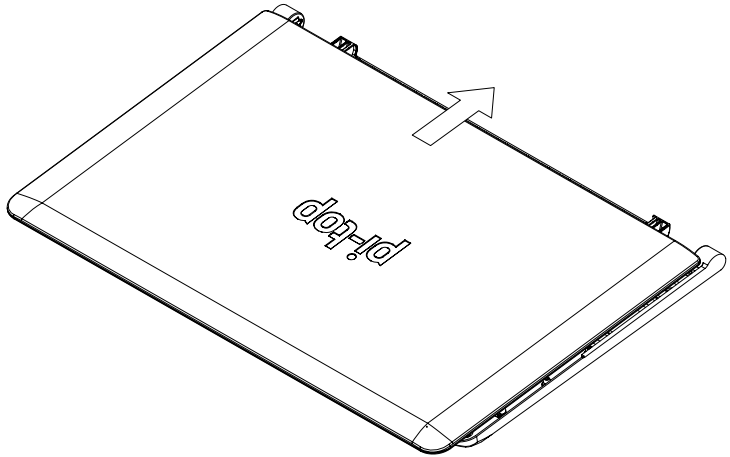
YOU WILL NEED



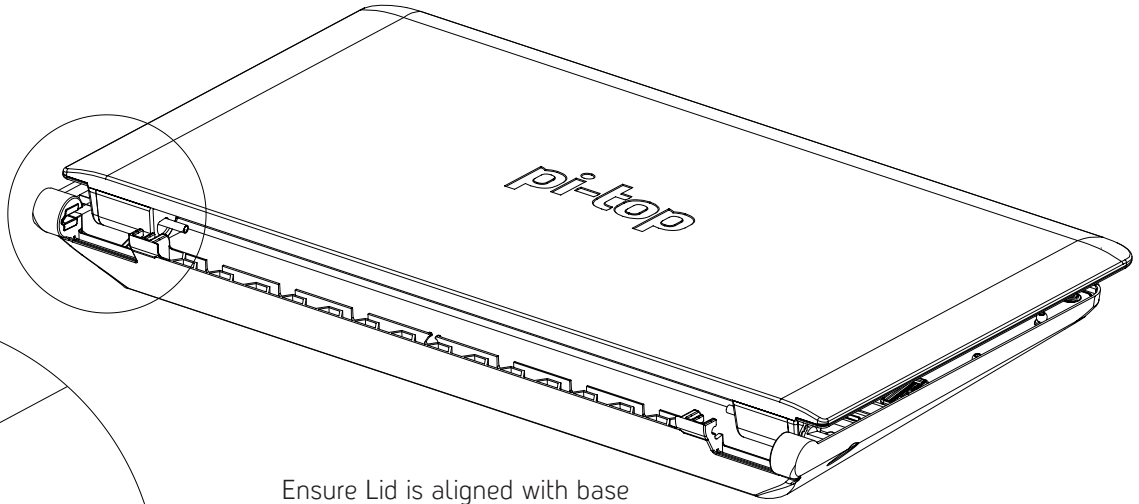


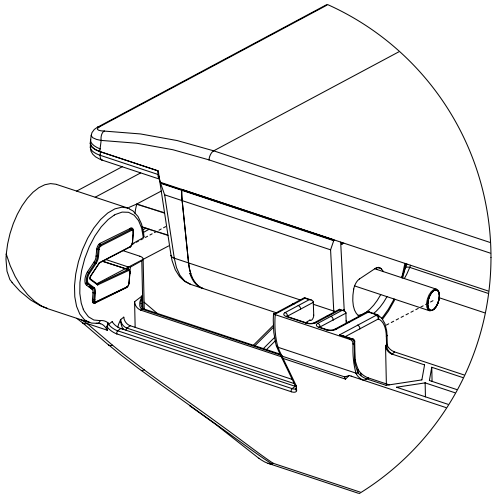




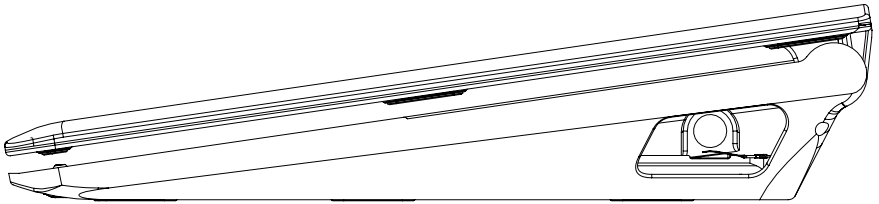


Step 3.2: Attach Lid



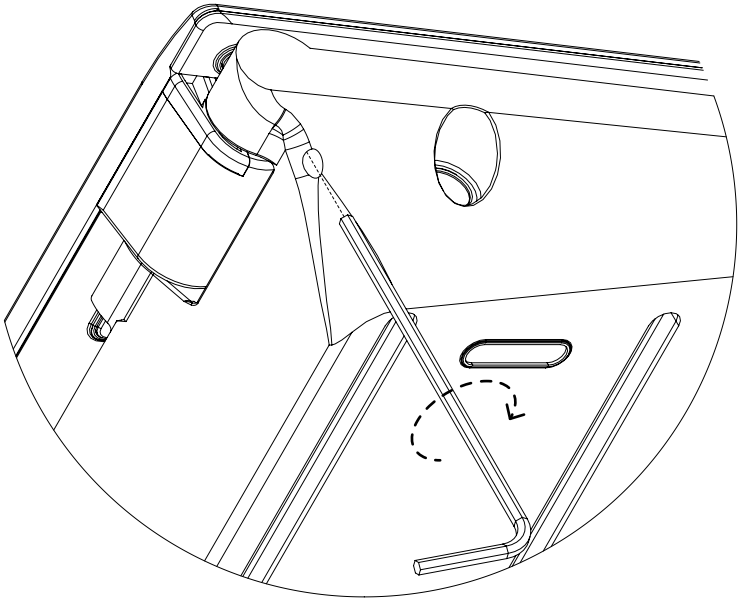


Ensure Lid is aligned with base and insert until it clicks into the back hinge.

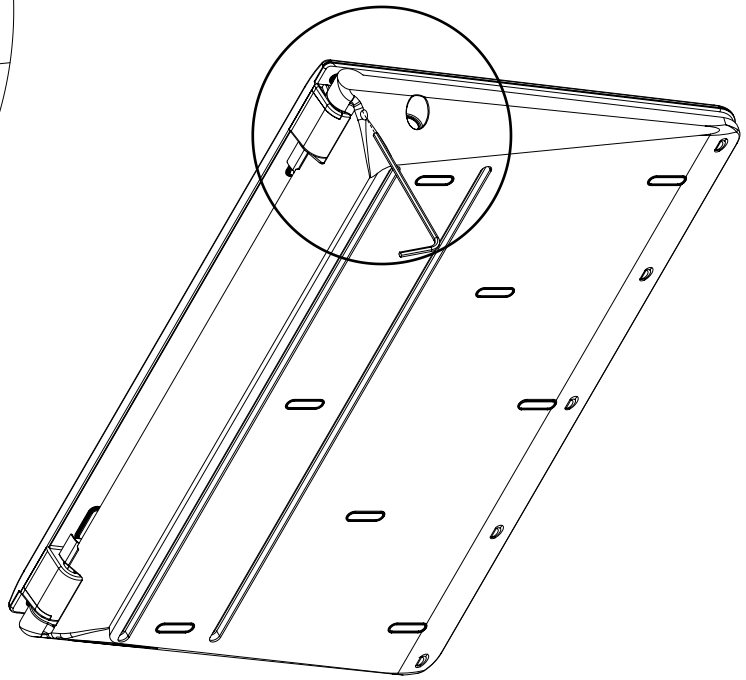


Caution: Ensure hinge is fully inserted. Failure to do so could lead to damage of the hinge or base.

Step 3.3: Attach Lid



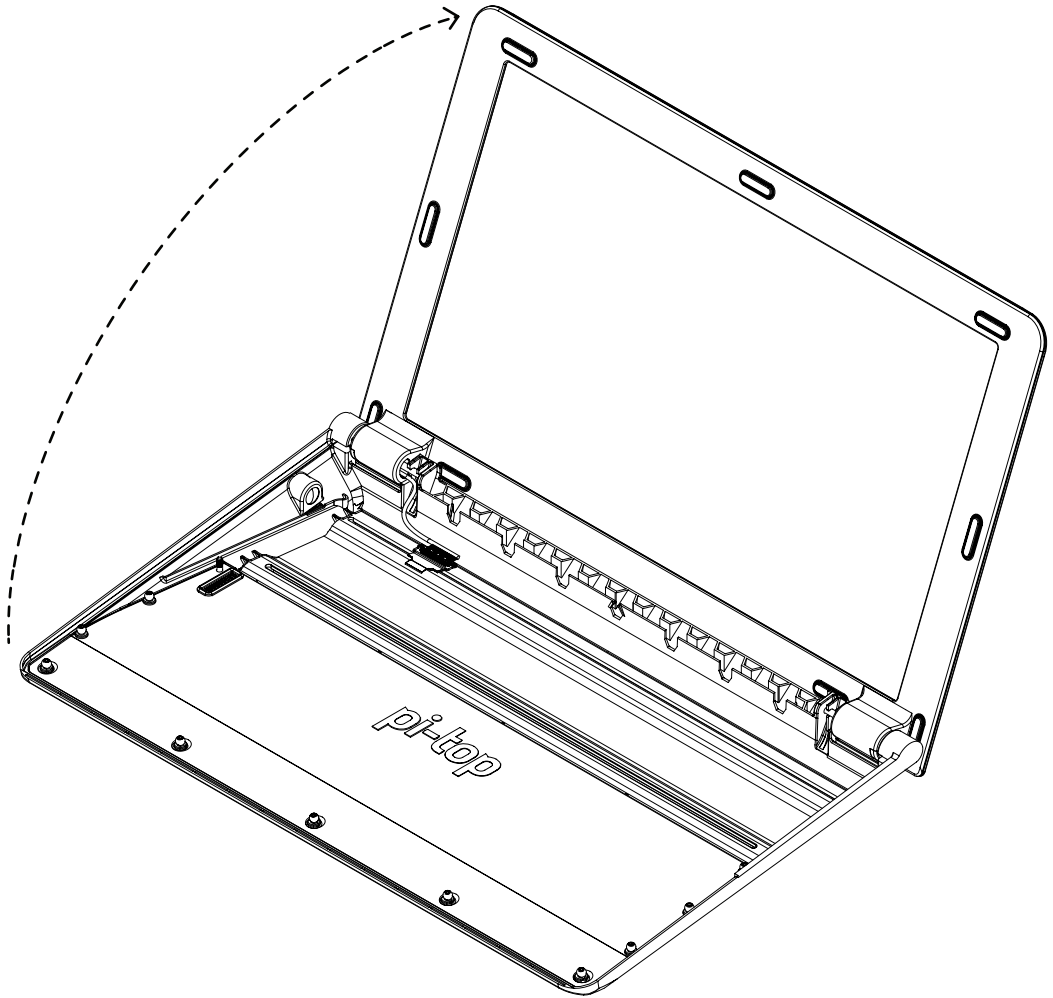
Keep the Lid aligned as you gently tighten screw.



Caution: Do not over tighten to avoid damaging screw head.

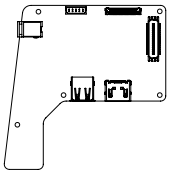
Step 3.4: Attach Lid

Before opening please make sure the hinge is fully inserted and secured in place.



Step 4.1: Secure Hub

YOU WILL NEED

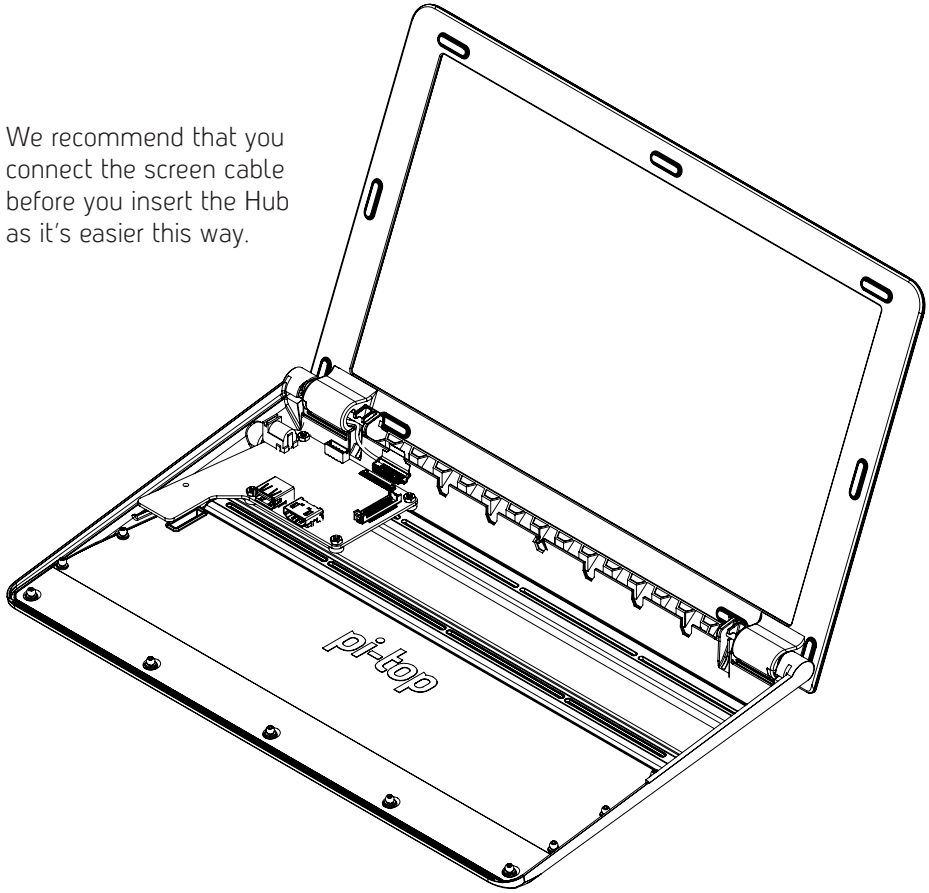


PCB SCREW
(Silver)

x 4

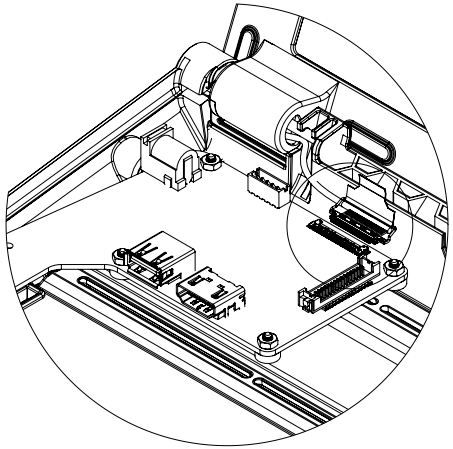
2mm

We recommend that you connect the screen cable before you insert the Hub as it's easier this way.

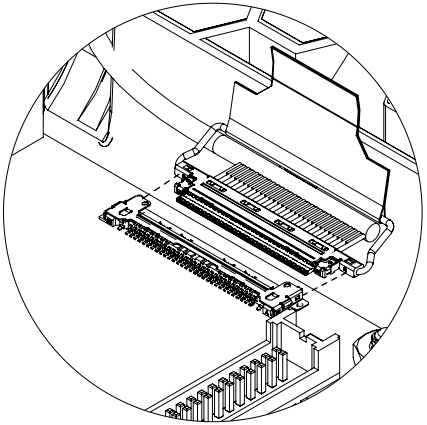


Caution: Ensure battery connector on Hub doesn't make contact with battery until Step 4-3.

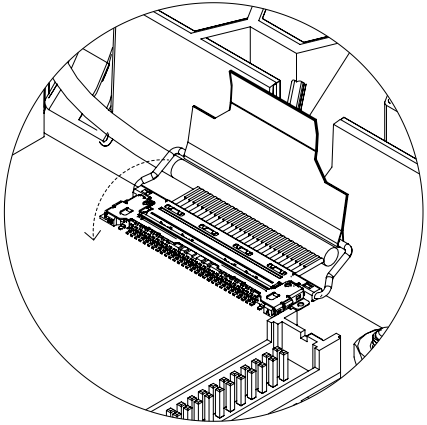
Step 4.2: Secure Hub



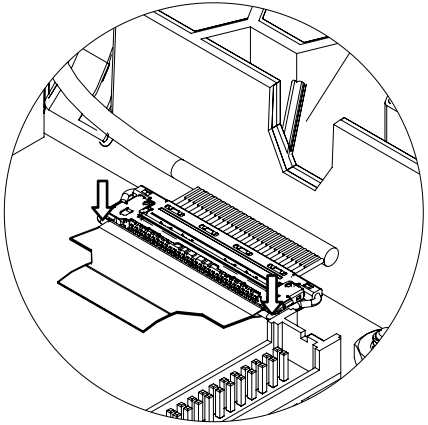
Align and insert



Rotate locking bar



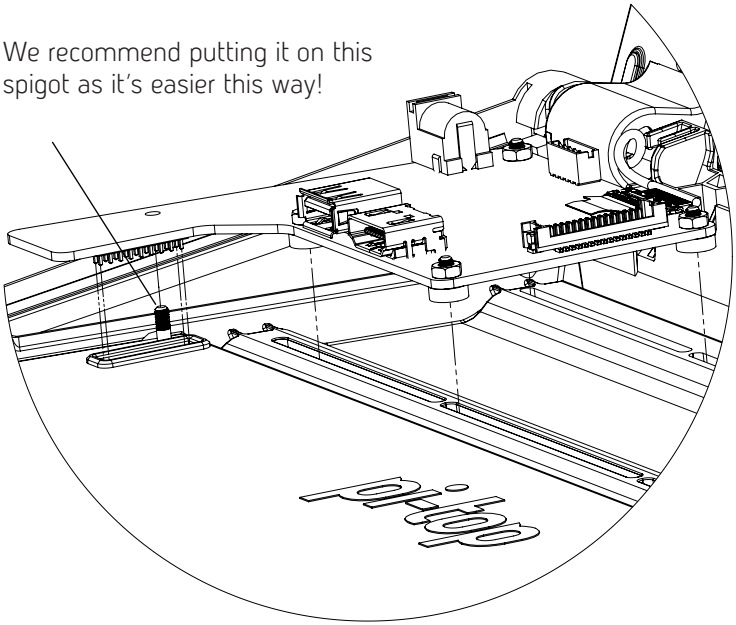
Gently push down on both sides until it clicks and is secured

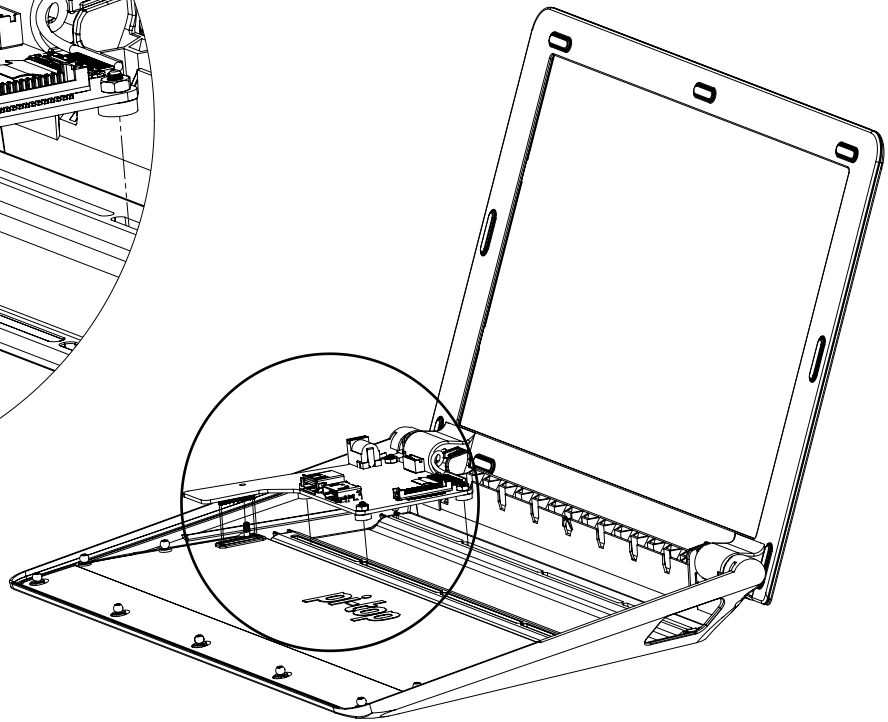


Caution: Take extra care to properly align and do not use excessive force.

Step 4.3: Secure Hub

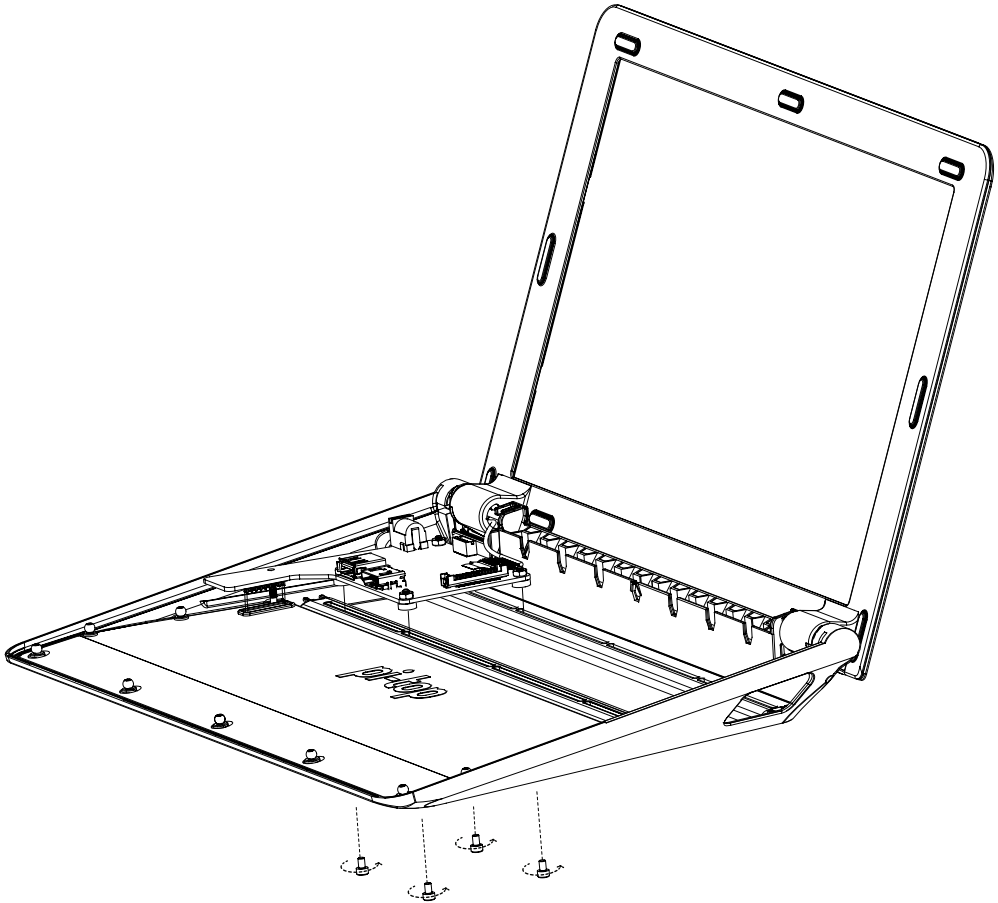
We recommend putting it on this spigot as it's easier this way!





While keeping the left-side of the Hub aligned to the Base, press down on the battery symbol on the Hub until you feel the connector insert fully into battery.

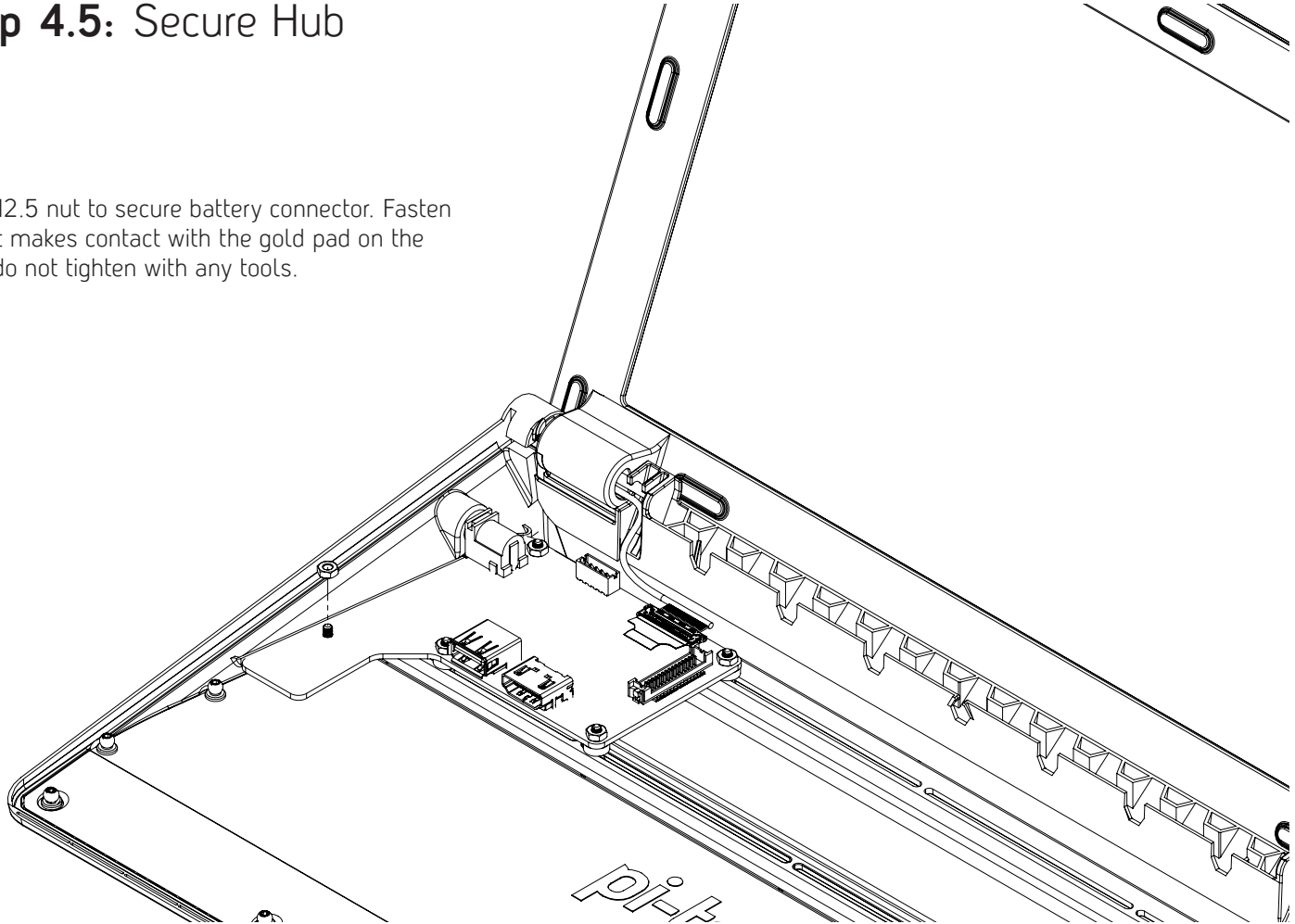
Step 4.4: Secure Hub



Caution: Do not over tighten as this could damage the screw head.

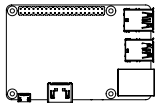
Step 4.5: Secure Hub

Use M2.5 nut to secure battery connector. Fasten until it makes contact with the gold pad on the Hub, do not tighten with any tools.



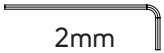
Step 5: Install Micro Computer

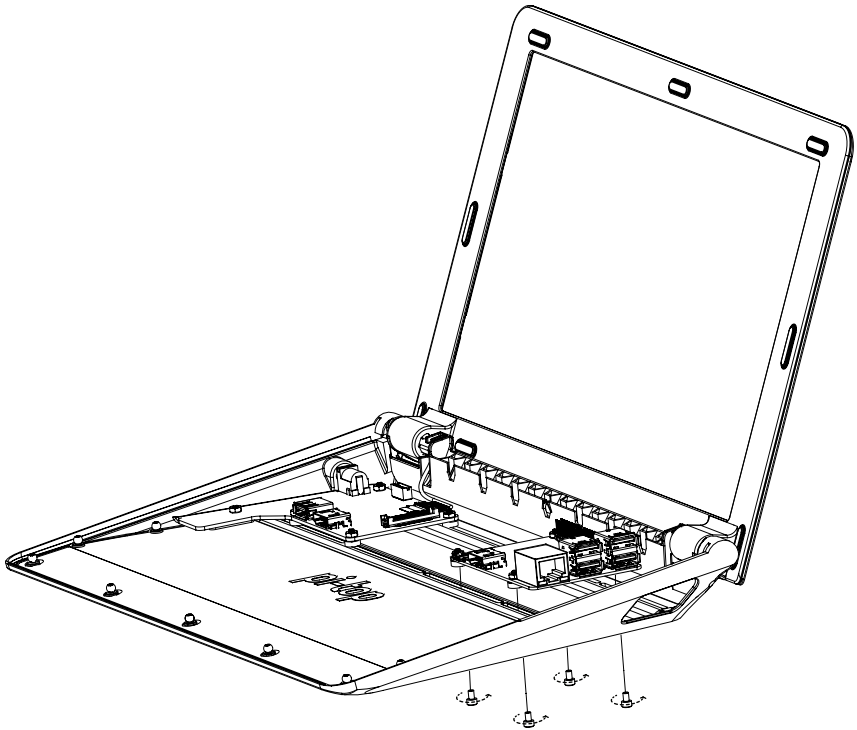
YOU WILL NEED



PCB SCREWS
(Silver)

x 4

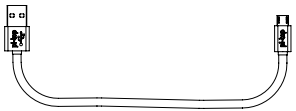


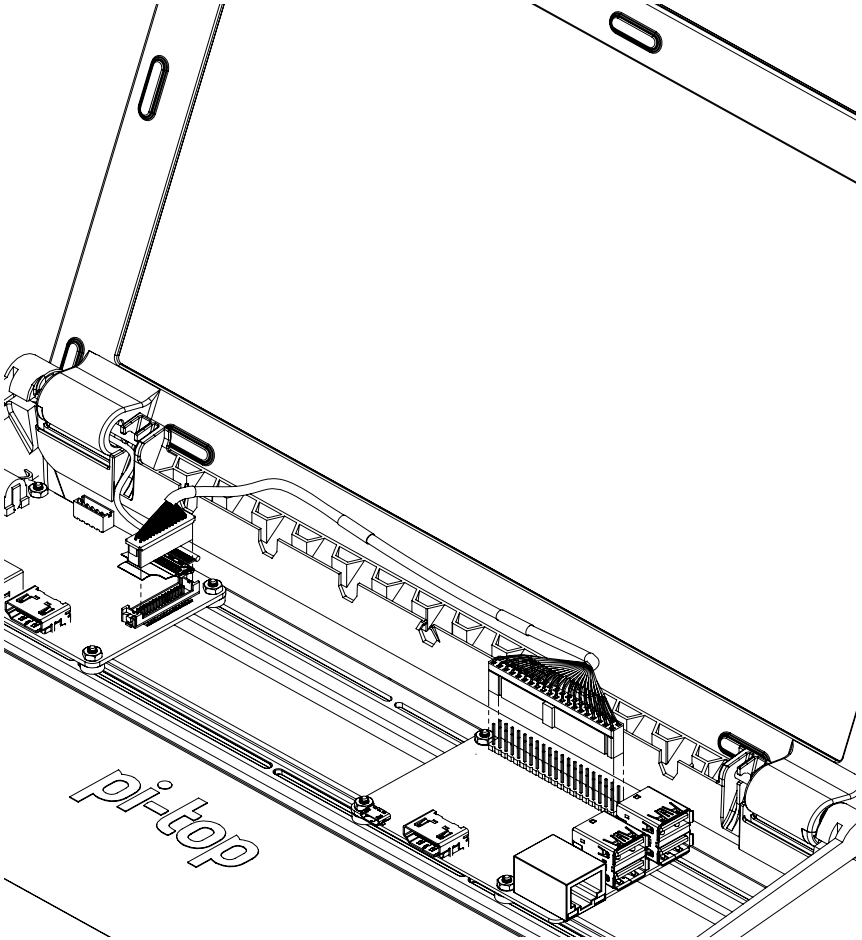


Caution: Over-tightening may damage PCB spacers – gently tighten until they just grip the Base.

Step 6.1: Plug in Cables

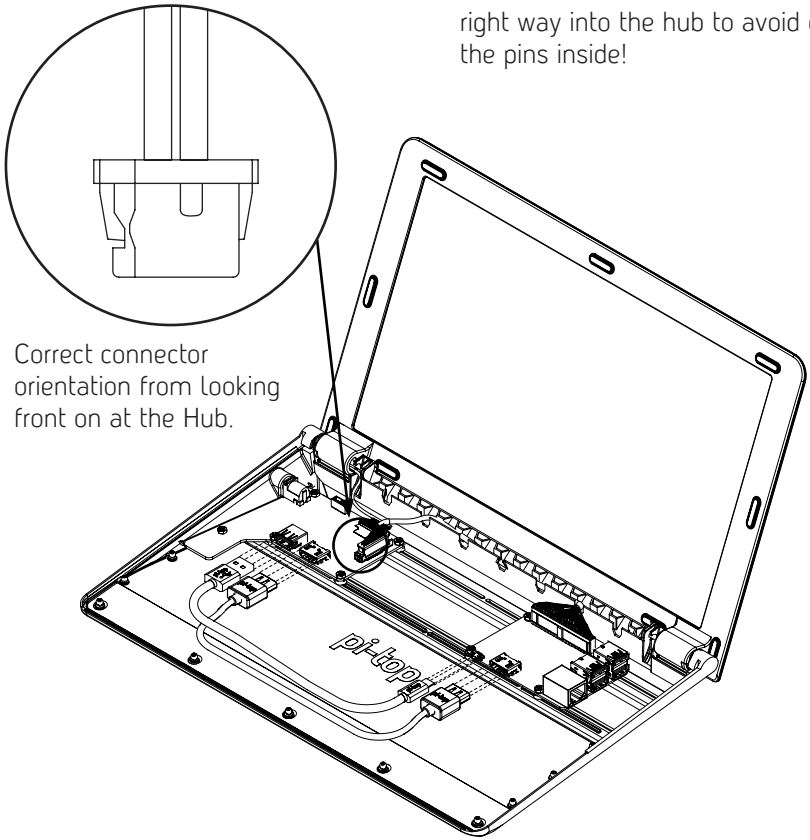
YOU WILL NEED



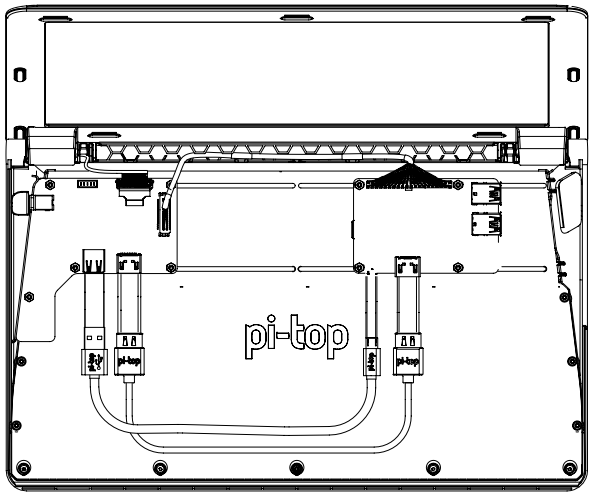


Step 6.2: Plug in Cables

Be sure to insert the breakout cable the right way into the hub to avoid damaging the pins inside!

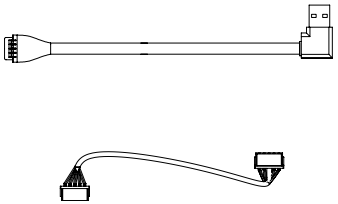


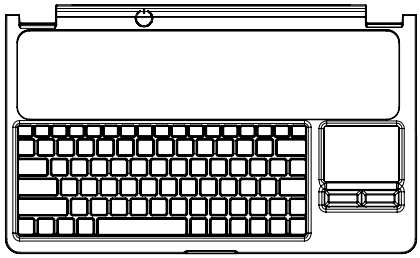
Correct connector orientation from looking front on at the Hub.

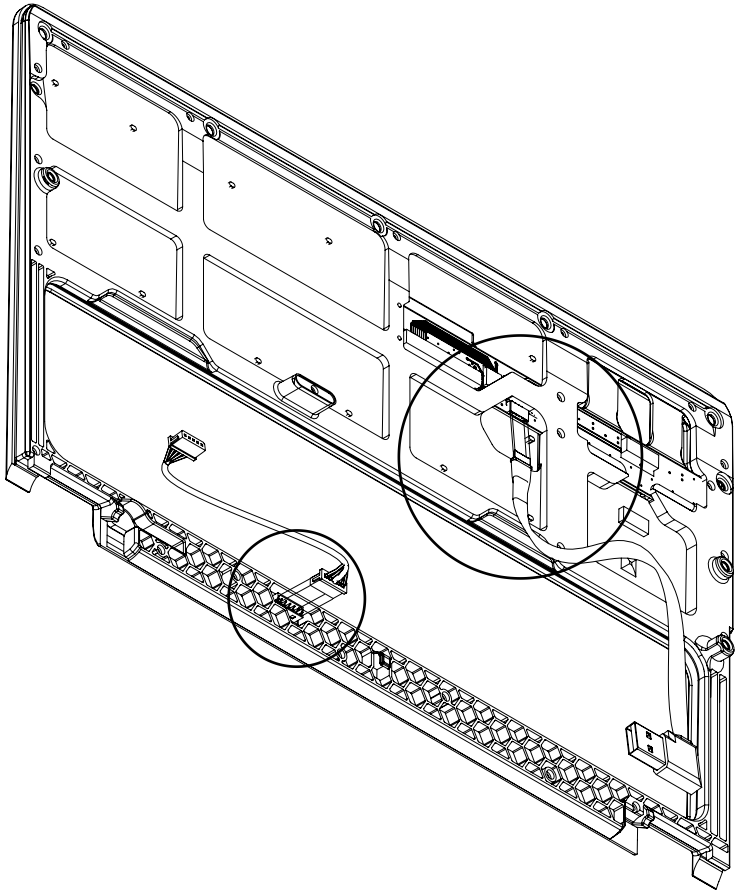


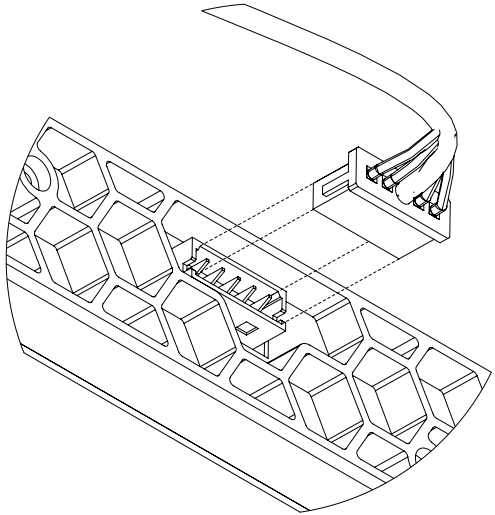
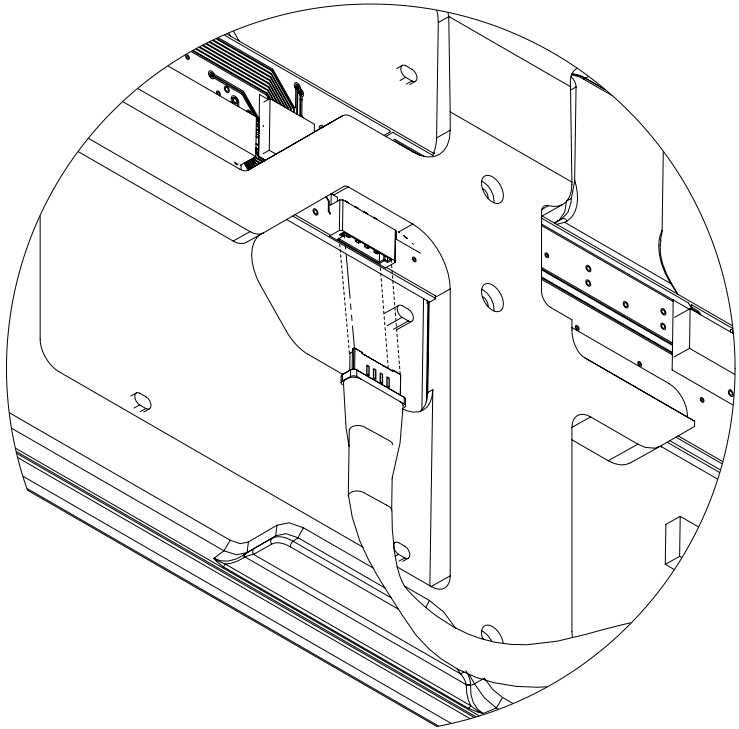
Step 7.1: Prepare Base Top

YOU WILL NEED







Step 7.2: Prepare Base Top

Keyboard Connector can become loose with excessive cable movement, ensure it is fully inserted before attaching Base Top