

Welcome

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

pi-top is very special to us (and so are you, of course!). Your **pi-top** is part of the first batch ever created — we are hugely passionate about this product and are very excited to continue to provide excellent content and lesson plans so you can learn to make anything! We thank you very much for joining us on this exciting maker journey!

We believe **pi-top** is the best way to get started with hardware and software. If you open up a laptop, you void the warranty. If you open up a **pi-top**, you unlock 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 worked hard to keep the manual simple, with a focus on easy image-based instructions. After assembly you can immediately log-in and start your projects, play the CEED Universe demo (our educational game) and much more!

Step through the world's gateway to technology.

With love,

The **pi-top** Team

For other available languages, please go to the link below

Weitere Sprachen siehe Link unten

Voor andere beschikbare talen, klik op de onderstaande link

Para outras línguas disponíveis, favor acesse o endereço abaixo na web

如需其它語言, 請到以下鏈接獲取

For at læse på andre sprog, klik da på linket nedenunder

vous pouvez trouver l'information disponible dans d'autres langues si vous vous référez au lien ci-dessous

Για τις υπόλοιπες διαθέσιμες γλώσσες, κάντε κλικ στο ακόλουθο λινκ

अन्य भाषाओं के लिए नीचे दिए गए लिंक पर क्लिक करें

بالنسبة للغات الأخرى المتاحة ، يرجى الدخول إلى الرابط أدناه

Per le altre lingue disponibili, visitate il link qui sotto.

他の言語は下のリンクからお選びください

Para otros idiomas, haga clic en el enlace.

Inne wersje językowe można znaleźć pod poniższym adresem.

Для других языков перейдите по следующей ссылке

Untuk bahasa yang lain, sila kunjungi link di bawah.

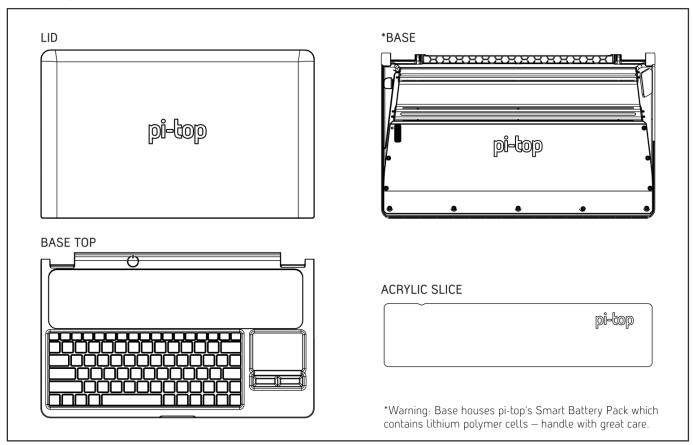
www.pi-top.com/#/help/build

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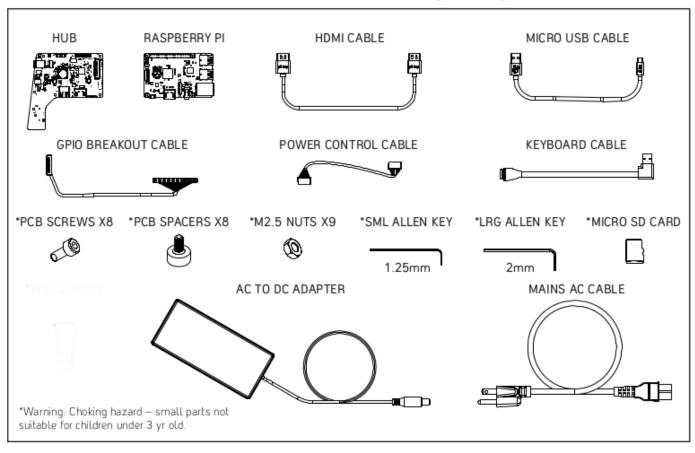
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For futher help with assembling pi-top, please go to: www.pi-top.com/#/help/build

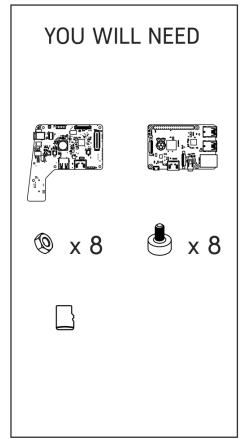
Getting Ready: What's in the Kit?

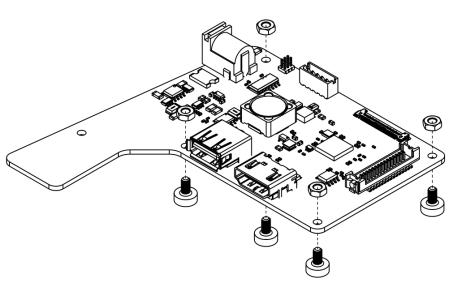


Getting Ready: What's in the Kit?



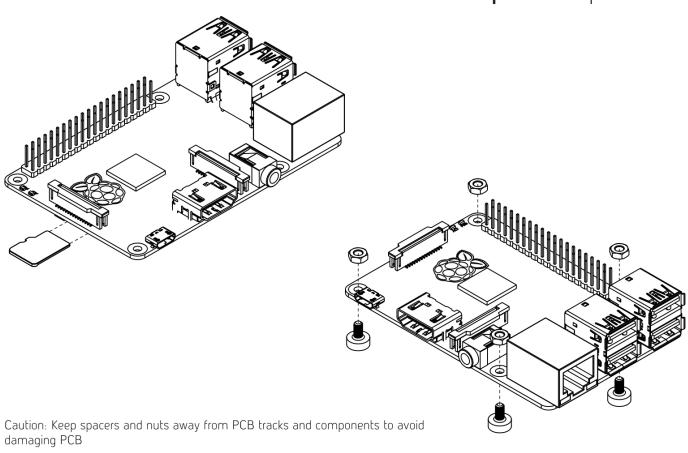
Step 1-1: Prepare PCBs



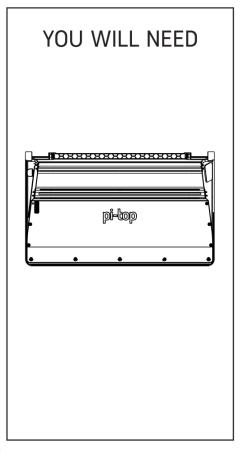


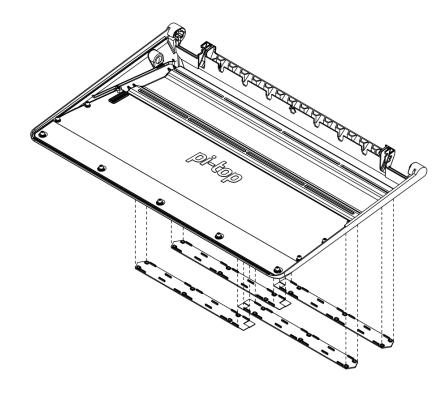
Caution: Be sure to work on a surface free of static electricity.

Step 1-2: Prepare PCBs



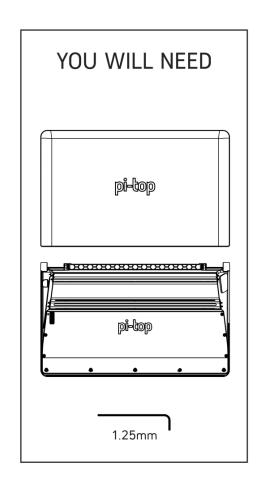
Step 2: Prepare Base

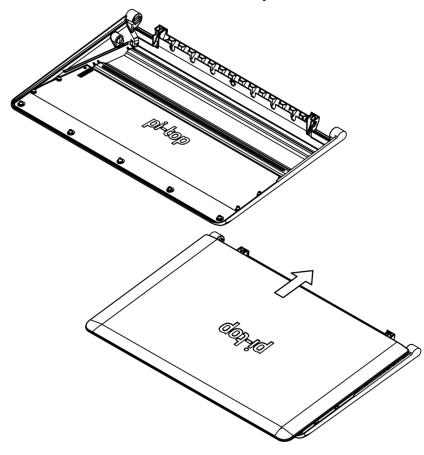




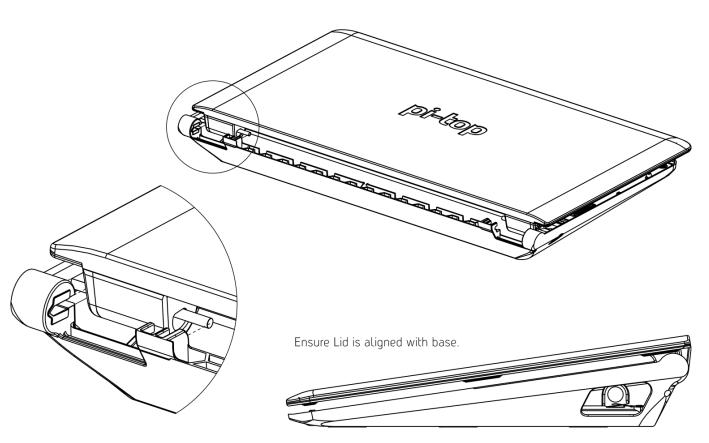
Remove Rail Covers from bottom of the Base. They are magnetically attached and you can re-attach them after you finish the whole assembly.

Step 3-1: Attach Lid

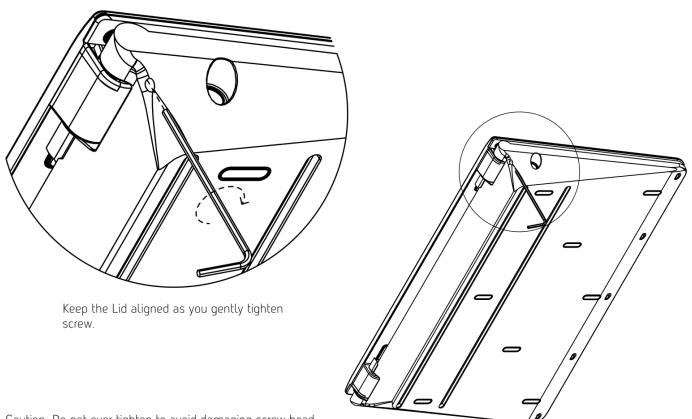




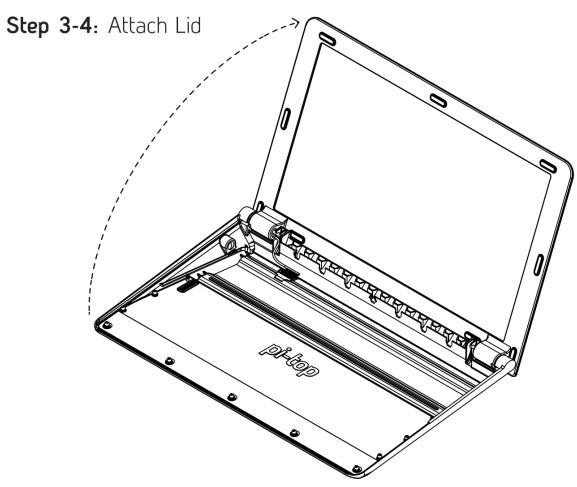
Step 3-2: Attach Lid

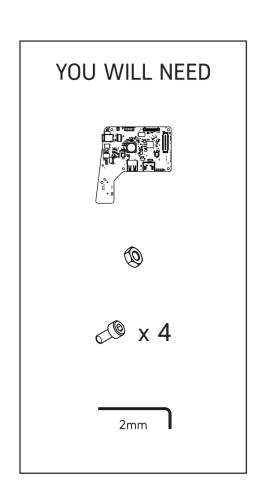


Step 3-3: Attach Lid



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

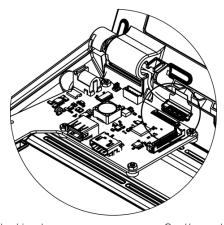




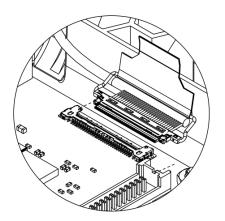


Caution: Ensure battery connector on Hub doesn't make contact with battery until Step 4-3.

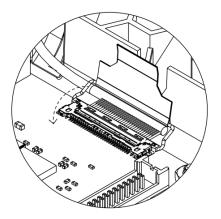
Step 4-2: Secure Hub



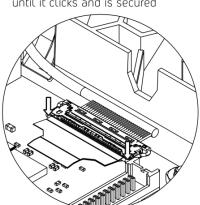
Align and insert



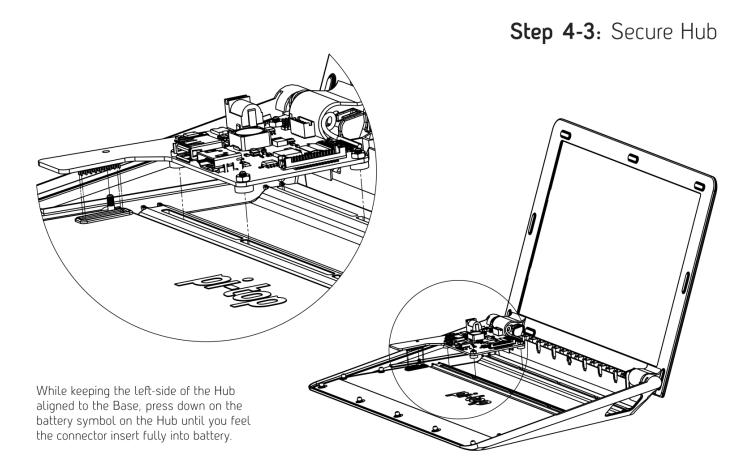
Rotate locking bar



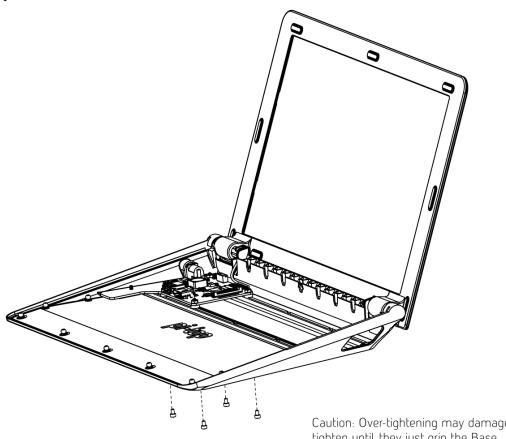
Gently push down on both sides until it clicks and is secured



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

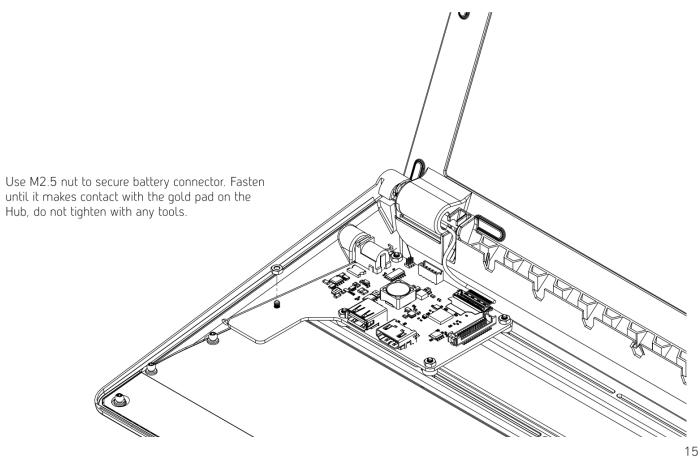


Step 4-4: Secure Hub

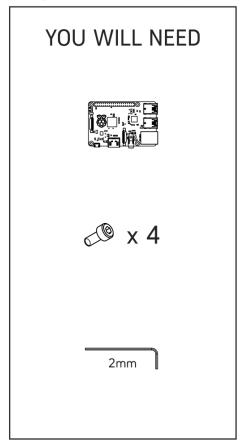


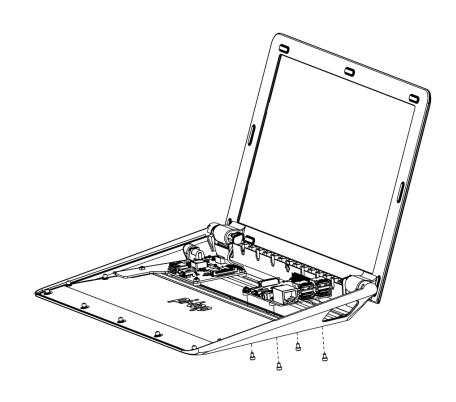
Caution: Over-tightening may damage PCB spacers - gently tighten until they just grip the Base.

Step 4-5: Secure Hub

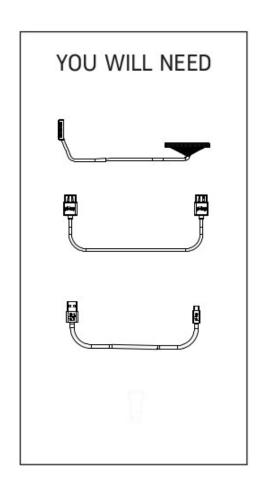


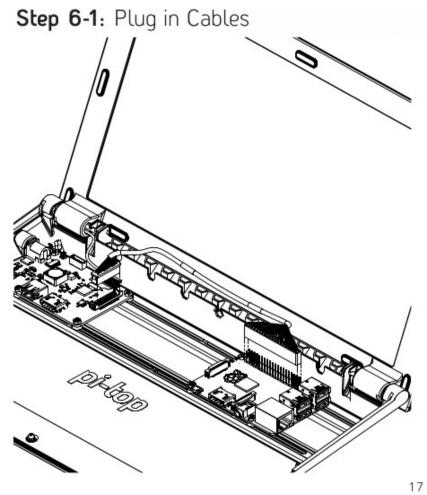
Step 5: Install Raspberry Pi



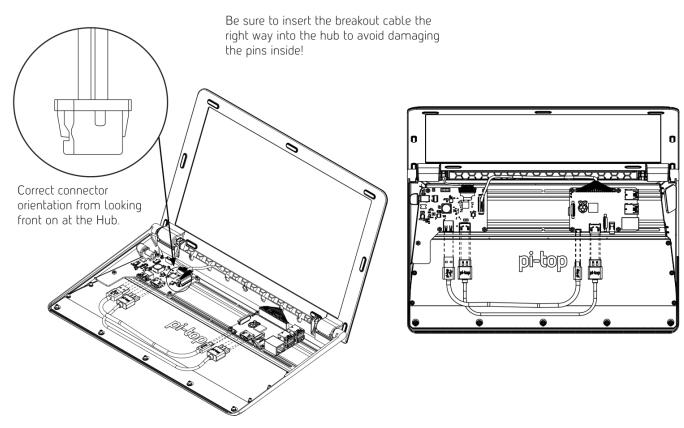


 $\label{lem:continuous} \mbox{Caution: Over-tightening may damage PCB spacers} - \mbox{gently tighten until they just grip the Base}.$





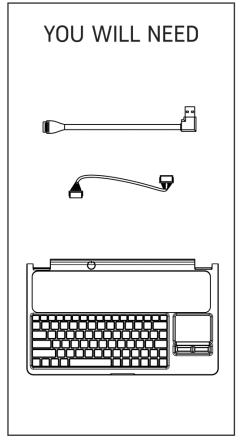
Step 6-2: Plug in Cables

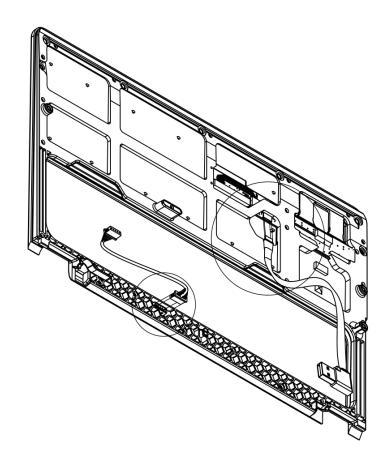




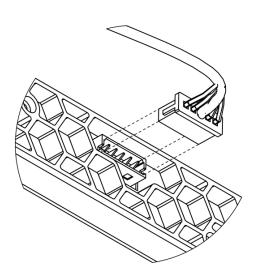
Step 6-3: Plug in Cables

Step 7-1: Prepare Base Top

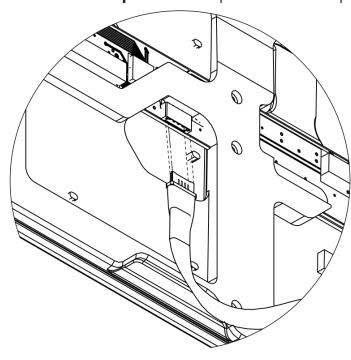




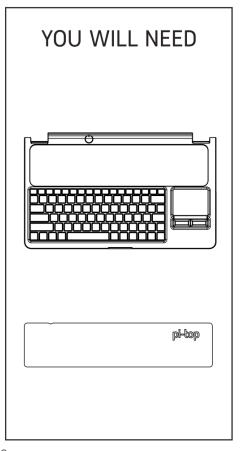
Keyboard Connector can become loose with excessive cable movement, ensure it is fully inserted before attaching Base Top



Step 7-2: Prepare Base Top

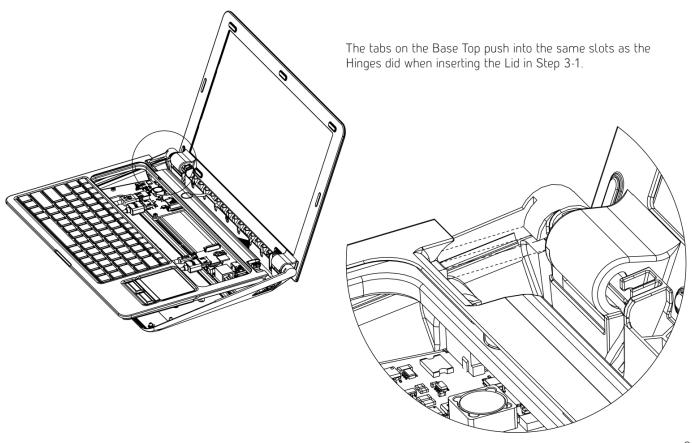


Step 8-1: Attach Base Top

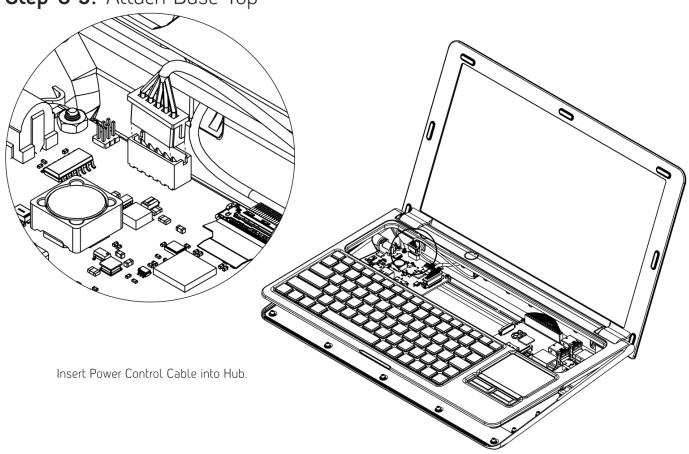


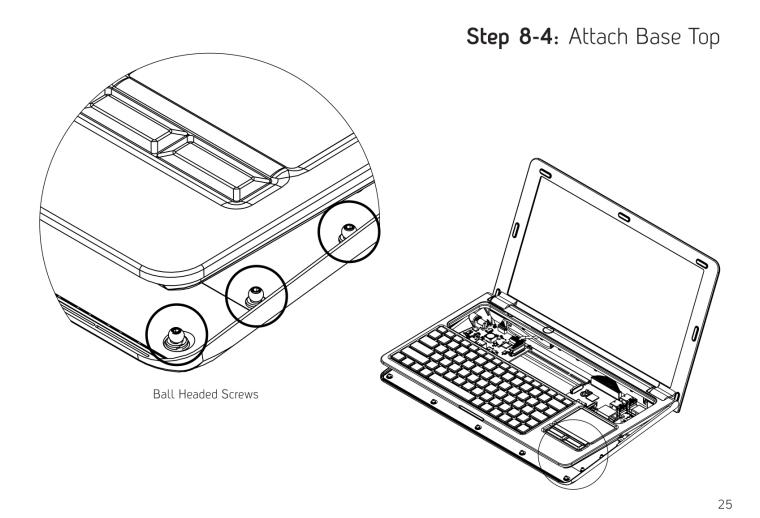


Step 8-2: Attach Base Top



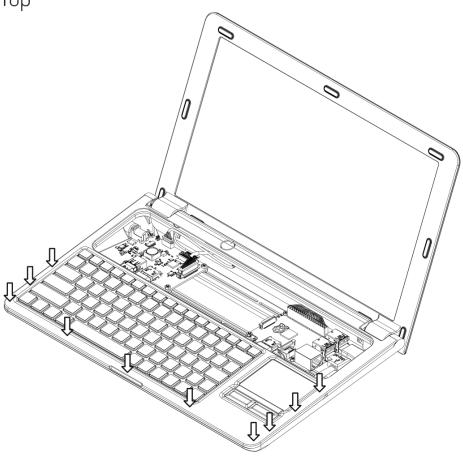
Step 8-3: Attach Base Top



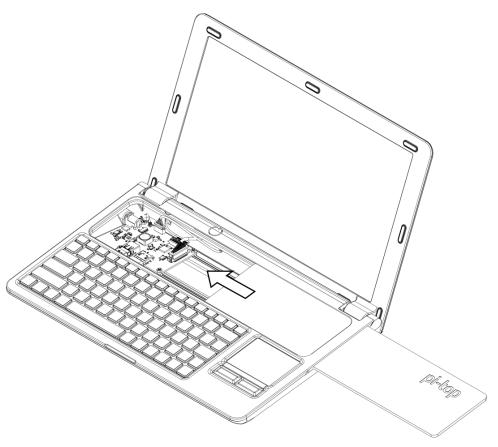


Step 8-5: Install Base Top

Once Base Top is aligned and in position, it can be pushed down to pop onto the Ball Headed Screws. Each ball position should be squeezed together to ensure it has popped into place.



Step 8-6: Install Base Top





Powering Up

- Plug in the mains adapter. This will wake the battery up from shipping mode.
- After a few seconds, the green LED underneath the power button will start to pulse.
- Press and hold the power button for 1-2 seconds

Using pi-topOS

• Visit www.pi-top.com/#/help/OS

Powering Down

- To communicate with the Raspberry Pi that you wish to shut down, hold down the power button for 2-3 seconds.
- Shutdown can also be triggered from **pi-top**OS.
- To force shutdown, hold down the power button for 5-6 seconds. Warning: this can cause SD Card corruption.

FCC Notice

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE 1: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- -Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- -Consult the dealer or an experienced radio/TV technician for help.

NOTE 2: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Disclaimer

This is a build-it-yourself device, we ask you take extra care when putting together your **pi-top**. Remember, circuit boards, although durable, will break if you don't treat them with care. CEED LTD is not responsible for any of the below:

- Personal injury or damage to product resulting from removal of battery cover and/or Smart Battery PCB (located underneath metal battery cover). Working with lithium polymer cells is dangerous and should only be carried out by a trained engineer, hence why the battery pack is provided fully assembled and protected by a sheet of stainless steel.
- Data loss as a result of SD Card corruption.
- Damage to cables from excessive force and/or misalignment when plugging in connectors.
- \bullet Any electrical injury resulting from misuse of pi-top components.
- Damage to the PCB resulting from user error. Please ensure that you are free of static electricity when handling PCBs to prevent unwanted electrostatic discharges from damaging sensitive electronics components.
- Malfunction of components as a result of mishandling.
- Damage to the screen as a result of tampering or accidental breakage.
- All damage as a result of contact with liquids, including any injuries electrical or otherwise as a result of such action.

- Use of solder this product comes in a modular design and no soldering is required.
- Choking of any user; all children under age of 8 using
 pi-top must be supervised during assembly and play, adults not
 excluded from liability disclaimer if choking also occurs. There
 are small parts to any electronic device and you must be sure
 your child or student uses pi-top in its intended fashion.

We ask that if you are in doubt of how to use **pi-top** or are unsure about the instructions provided within that you please contact us on build@pi-top.com for any support you require.

pi-top

DESIGNED IN LONDON ASSEMBLED BY YOU



www.pi-top.com