pi-top

INSTRUCTION MANUAL



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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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 1-2: Prepare PCBs



Step 2: Prepare Base

YOU WILL NEED





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 3-3: Attach Lid



Keep the Lid aligned as you gently tighten screw.

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







Step 4-2: Secure Hub



Align and insert





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







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



Step 5: Install Raspberry Pi

YOU WILL NEED



🔊 x 4

2mm



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



Step 6-2: Plug in Cables and WiFi Dongle



Step 6-3: Plug in Cables and WiFi Dongle u Ŷ_{ĊĔŎ}

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 8-1: Attach Base Top



Step 8-2: 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.







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.

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.
- 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.



DESIGNED IN LONDON ASSEMBLED BY YOU



www.pi-top.com