

# New generation of laptops: pi-top

Overview document

*Inspire the future. pi-top strives to inspire inventors and creators to seek the skills of tomorrow and create their future, today.*

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The new **pi-top** is a modular laptop and introduces the world's first, all-new sliding keyboard.

Makers, educators and inventors love the original **pi-top**. We took their input, and spent the next 12 months creating a killer, new generation of **pi-top** laptops.

To awaken your inner inventor, the **pi-top** team then developed a new range of exciting inventor journeys. Your **pi-top** now includes a FREE inventor's kit. Slide back the keyboard to reveal an exciting new world of electronics, coding and science, you can enjoy, regardless of your age or computing ability. The inventions you create can be as simple or complex as your imagination. The new **pi-top** laptop makes experimenting, coding and building electronics, simple and fun.

## Get hands-on

Snap it all together in a few simple steps. Switch on and explore an extraordinary collection of projects and inventions - limited only by your imagination.

The new **pi-top**, powered by a Raspberry Pi, includes a load of familiar apps such as Google Suite, Google's Chromium web-browser, a full Microsoft Office compatible suite, 3D printing software, Scratch block based Coding and more. In addition, it offers fun games such as Minecraft for Pi and **pi-top**'s own exciting space exploration game, **CEEDuniverse**, to develop your range of digital skills.

## Go 'behind-the-scenes'

Get a 'behind-the-scenes' view to explore everyday gadgets. Start by building your own **pi-top** laptop and understanding its parts. Explore beyond the keyboard and screen by creating computer science and electronics inventions using the free step-by-step guides in the **pi-topCODER** app. These are highlighted in the free guide with 20+ projects to stimulate your imagination!

## Become an inventor

The **pi-top** laptop includes a free inventor's kit. Create your own inventions with your inventor's kit and free inventor's guide with 20+ projects. Discover the world of experimentation through coding and building electronics - spaceships, robots and more. It includes loads of electronic components and a **pi-topPROTO+** (**pi-topPROTO** plus). Explore technology together and create inventions with all the bits and accessories in the kit!

## ***What is the inventor's kit?***

Create your own creations with your inventor's kit. Discover the world of coding and building electronics. It includes several components such as a **pi-topPROTO+** (**pi-topPROTO** plus). There are 3 inventor's journeys - Smart Robot, Music Maker and Space Race. The booklet details 20+ projects which you can complete with the step-by-step guide in the **pi-topCODER!** Explore technology together and create inventions with all the components and accessories in the kit. (*The inventor's kit is not to be sold separately.*)

## *Key Components*

- **pi-topPROTO+**
- Sparkly LED lights
- Ultrasonic range sensor
- Buzzer
- Noise sensor microphone
- Various buttons and sensors

and lots more!

## **Tying it all together - Software**

Like all our **pi-top** products, the new **pi-top** comes with on an 8GB SD card with the full **pi-topOS** software suite. It is the only maker product endorsed by a leading examination board, OCR, in the world! The **pi-topOS** Polaris powers **pi-top** products and makes them unique. You can find exclusive apps such as **pi-topCODER** and **CEEDuniverse** only available from **pi-top**.

In the **pi-topCODER** app, you can find hundreds of hours of step-by-step fun activities and the 20+ inventions. **CEEDuniverse** is a revolutionary space exploration game. Unlock your limitless imagination by playing while flexing your creativity and problem-solving skills. Discover a breathtaking world of STEAM inspired challenges as a space explorer. Learn real-world scientific elements in a science fiction gaming environment. In addition, **pi-topOS** software suite lets you:

- browse the web,
- check emails,
- create and edit Microsoft Office Suite compatible files

This allows for a seamless experience between your **pi-top** and any other laptop.

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So, anyone from young musicians to explorers to scientists to software developers to inventors can do what they enjoy like they've never done before. Introducing the new **pi-top**. A mean green dream machine.