

# pi-topCEED

The launch of the pi-topCEED represents a new era in educational technology and will help make Science Technology Engineering and Maths (STEM) accessible to all.

The pi-topCEED is the all-in-one Raspberry Pi powered desktop that is the perfect workstation for your projects. It comes with a 14" screen, forward facing access to your hardware and lots of bundled software. It ships with our revolutionary learning platform, CEED Universe, to expand your computer science knowledge by taking you through a world of fantasy grounded in computing reality.

**"I'd love to see a pi-topCEED in every classroom"**

Eben Upton Founder and CEO of Raspberry Pi

## Key features

- An all-in-one Raspberry Pi powered desktop (first of its kind)
- Plug and Play - no assembly required
- 14" HD LCD screen
- Multiple viewing / resting positions
- Practical and functional design with frontal access to your Raspberry Pi
- Compatible with any USB keyboard / mouse (not included)
- Works with all Raspberry Pi models and most other single board computers
- Designed for ages 6+

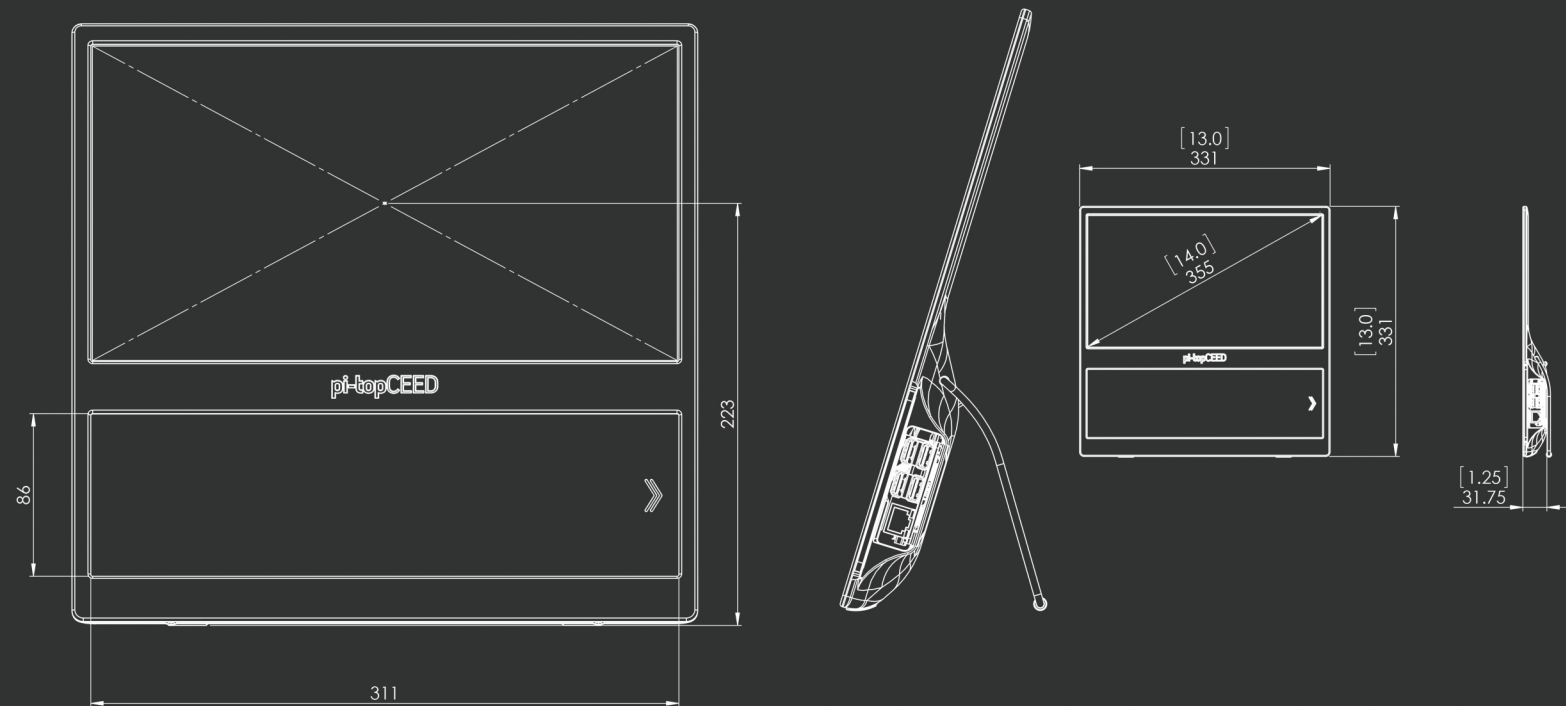
## pi-topCEED enables you to

- Learn how to Code
- Build circuits
- Make hardware (IoT devices, Robots, controllers and much more)
- 3D print your own creations

## pi-topOS

- CEED Universe - STEM driven game for learning to code, build circuits and make hardware.
- pi-topDASHBOARD - an interface that allows you to access all Raspberry Pi resources. It will teach you to code, track your progress, and test your code in real time with over 100+ hours of content.
- Graphical User Interface
- Easy to update the pi-topOS (which is a flavour of Raspbian), simply click update - no need to remove microSD
- Browse the internet via Chromium Browser
- Connect to WiFi in seconds
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- 3D Slash software for click 'n' create 3D printing

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## tech specs

### Chassis

- o Magnetic PCB rail for snap-in, snap-out access to Raspberry Pi, HAT's and add-on boards
- o Access via front facing slideable acrylic slice
- o Ergonomic design for good posture
- o Centre of screen sits 232mm from table surface
- o Adjustable stand with multiple viewing angles up to 65°

### Display

- o 14" HD LCD screen with eDP interface
- o 1366 x 768 resolution
- o 2.6W power consumption
- o Flicker-free PWM screen brightness control (available from pi-topOS)
- o 262K colours
- o Anti-glare

### Raspberry Pi 3 Model B

- o 1.2 GHz Quad-Core Broadcom 2837 ARM V8
- o 1GB LPDDR2 RAM
- o 4 USB ports
- o 40 GPIO pins
- o HDMI port
- o Ethernet port
- o 802.11 b/g/n Wireless LAN and Bluetooth
- o Combined 3.5mm audio jack and composite video
- o Camera interface (CSI)
- o Display interface (DSI)
- o Micro SD card slot
- o Video Core IV 3

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## FAQs

### 1. What is pi-topCEED?

The pi-topCEED is the easiest way to use your Raspberry Pi. It's designed for anyone with a hunger to learn. Express your creativity through technology by becoming a maker and inventor.

### 2. Who is pi-topCEED for?

There are no boundaries - the pi-topCEED is for anyone wanting a greater understanding of computing, making, learning to code, play or create! However, we found the recommended starting age to be 6+.

### 3. Does pi-topCEED work like an actual computer?

Yes, it can do most anything other desktops are capable of. Browse the web with Chromium, create Word documents with Libre office and much more.

### 4. How do you code on pi-topCEED?

Heard of Python or Java? No? That's fine - as pi-topCEED gives you an introduction to these and more programming languages. Dive into the Linux Universe as you are guided through the building blocks of coding with Python.

### 5. Is pi-topCEED used in the classroom?

We have worked with 50+ schools on integrating CEED Universe, our educational game, with the GCSE computing curriculum and the pi-top kit to be used in schools worldwide. It provides a complete platform of possibilities. We are happy to say that our pi-topCEED prototypes have been used by the Raspberry Pi foundation for their workshops around the world. If you are interested in pi-topCEED or for more information please contact us via: [support@pi-top.com](mailto:support@pi-top.com).

### 6. What colours are available for pi-topCEED?

You can either choose from our company favourite Green or a more traditional matte Grey design.

### 7. What is inside the kit?

- o 14" HD Screen
- o Raspberry Pi 3 (optional)
- o pi-topPCB Hub
- o 8GB SD card with pi-topOS preinstalled
- o CEED Universe
- o Minecraft Pi
- o Libre Office
- o Chromium
- o Scratch, Python and more!
- o 18V power supply
- o Removable Acrylic slice for forward facing access to the hardware.