Welcome to the pi-top family!

pi-topCEED 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-topCEED 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-topCEED will be part of your journey to expand your knowledge - the only limit is your imagination!

So, let's get started! Set up your pi-topCEED following our manual so you can log-in and start your own cool projects, play our educational game, and more!

Step through the world's gateway to technology.

With love,
The pi-top Team

Getting Ready: What's in the Box?

Step 1: Inserting MicroSD Card

YOU WILL NEED

Step 2: Inserting Mag Clips

Step 3: Preparing pi-topCEED

Step 4: Connecting HDMI Cable

Step 5: Inserting Micro Computer

Step 6: Connecting GPIO

Step 7: Sliding in Acrylic Slice

Step 8: Adjusting Kick Stand

Step 9: Connecting Power Supply

Step 10: Place pi-top Add-ons on the Mag Rails

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

*MICRO SD CARD

Power Supply

GPIO CARD

*MAG CLIPS

OPTIONAL ADD-ONS

X4

pi-top SPEAKER

pi-top PROTO
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Getting Ready: What's in the Box?

- **MICRO SD CARD**
- **Power Supply**
- **MICRO COMPUTER**
- **GPIO CARD**

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Step 1: Inserting MicroSD Card

**YOU WILL NEED**

Remove the Micro SD Card from the adapter and insert into the slot underneath your Micro Computer.

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Step 2: Prepare PCBs

Push Mag Clips into your Micro Computer.

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Step 3: Adding GPIO Card

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Step 4: Prepare pi-topCEED

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Step 5: Connecting HDMI Cable

Connect the HDMI Cable into your Micro Computer.

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Step 6: Inserting Micro Computer

Place the GPIO Card onto your Micro Computer.

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Step 7: Connecting GPIO

Connect the female jumpers onto your Micro Computer. Ensure the arrow on the jumper is facing your Micro Computer to avoid damage.

---

Red
- 3.3V PWR
- I2C SDA
- I2C SDL
- GPIO 4
- GND
- GPIO 17
- GPIO 27
- GPIO 22
- 3.3V PWR
- SPI MOSI
- SPI MISO
- SPI SCLK
- GND
- ID_SD
- GPIO 5
- GPIO 6
- GPIO 13
- GPIO 19
- GPIO 26
- GND
- 5V PWR
- 5V PWR
- GND
- UART TX
- UART RX
- GPIO 18
- GND
- GPIO 23
- GPIO 24
- GND
- GPIO 25
- SPI CS0
- SPI CS1
- ID_SC
- GND
- GPIO 12
- GND
- GPIO 16
- GPIO 20
- GPIO 21

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PIV Reader

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.

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Step 8: Sliding in Acrylic Size

Remove the Acrylic Slice from your pi-topCEED.

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Step 9: Adjusting Kick Stand

Adjust the Kick Stand so your pi-topCEED sits on a desk at a comfortable viewing angle.

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Step 10: Connecting Power Supply

Plug in the Power Supply and hold the Power Button for 2-3 seconds to turn on your pi-topCEED. You can now begin your journey into the world of computing!

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

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Step 11: Additional Tips

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Follow this side if your pi-topCEED has jumper cables.

The jumper cables offer the most flexible usage of your Micro Computer's GPIO pins.

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Caution: Take extra care with the 2-pin jumper cable (the one with the red wire), not assembling exactly as shown will cause damage to your Micro Computer /

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NOTE: 2. Upgrades are always being developed, so check back for the latest updates to the CEED Manual!