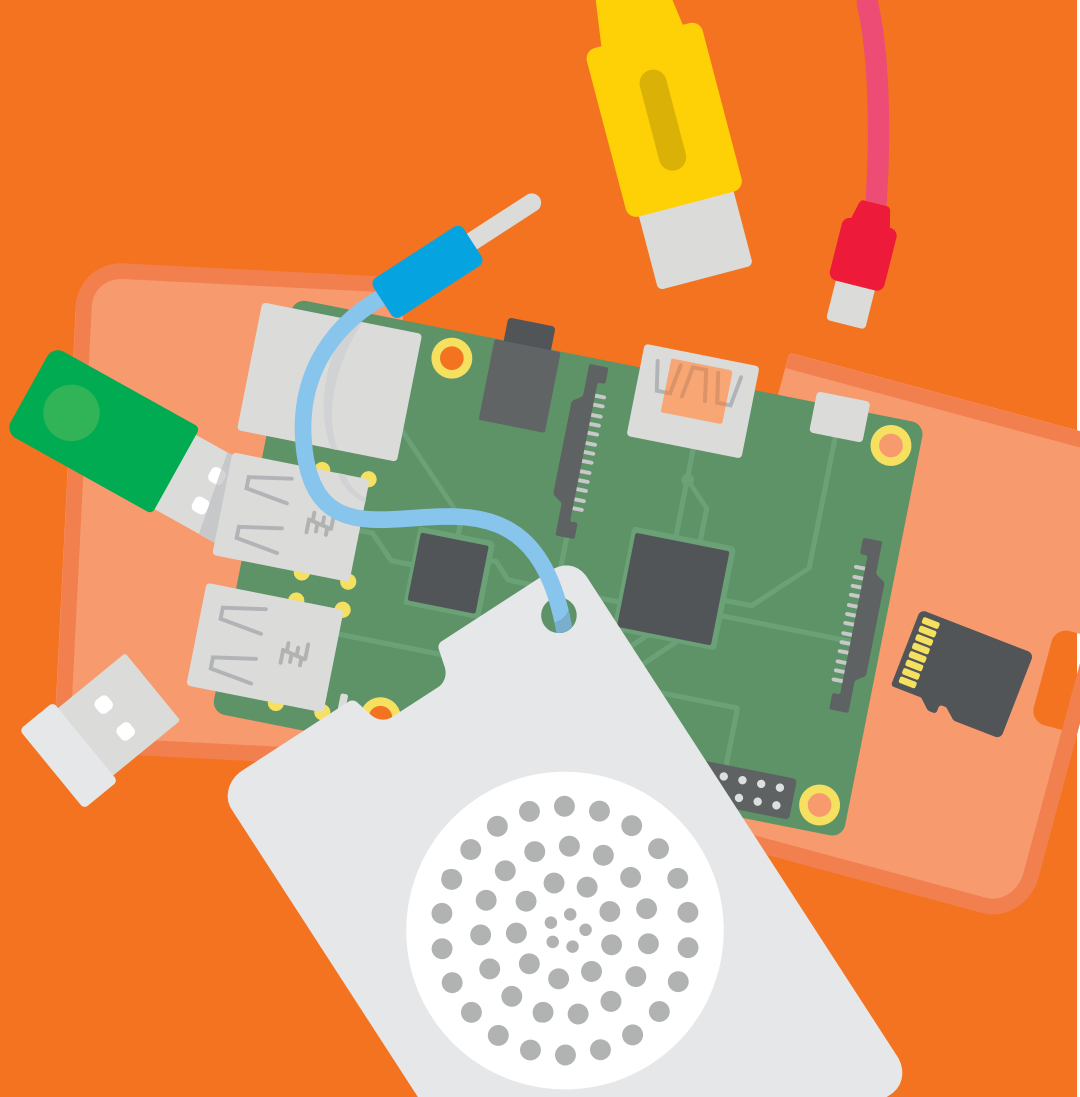
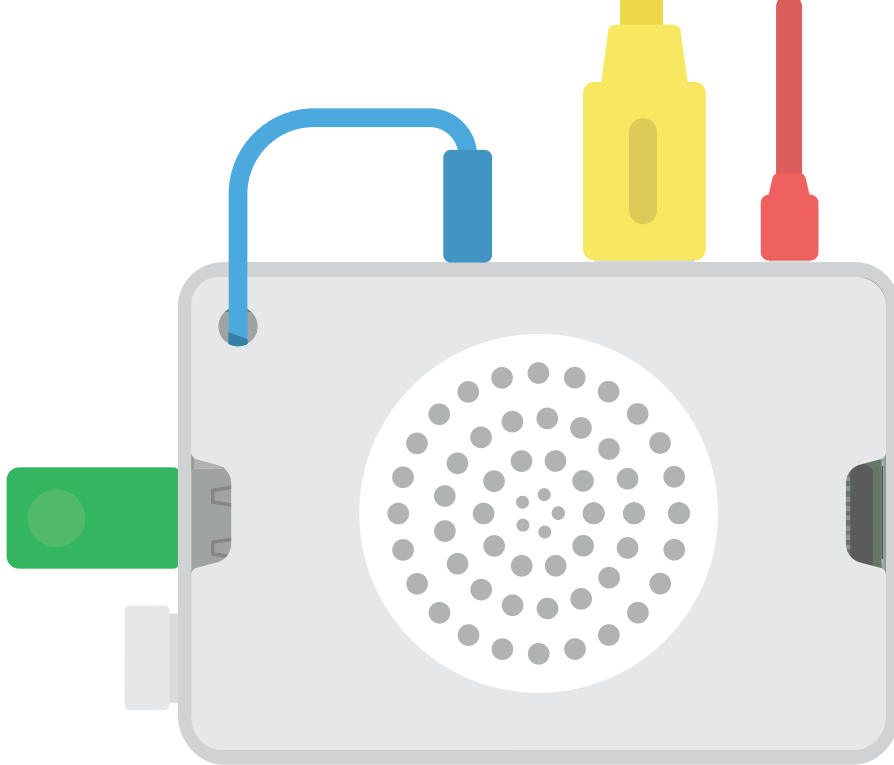


1

BOOK 1

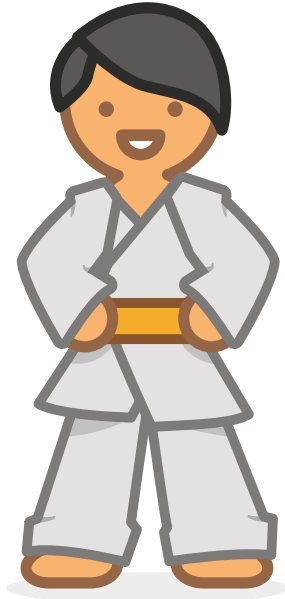
make a computer





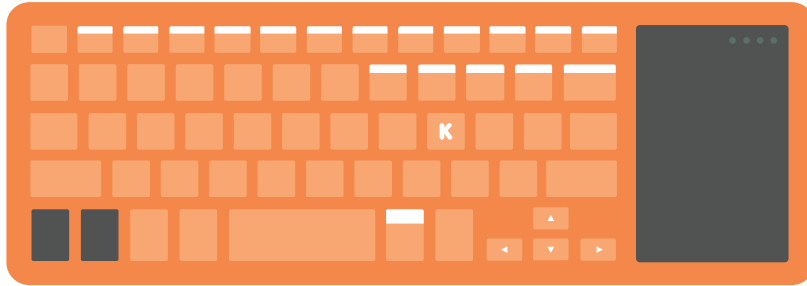
\_\_\_\_\_'s Kano

YOUR NAME

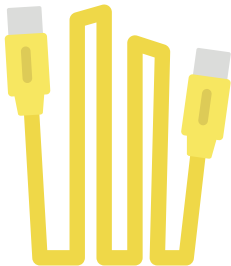


Hey! I'm Judoka, your Kano companion. Ready to go?  
**Take out the pieces!**

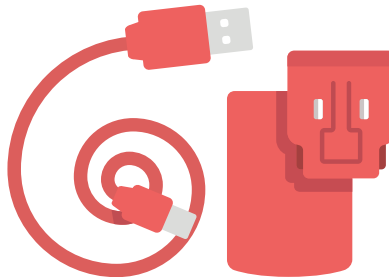
## Keyboard + Mouse



## HDMI Cable



## Power Plug



## Kano OS

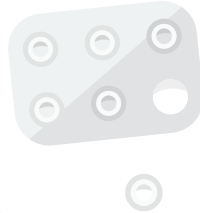


## WiFi

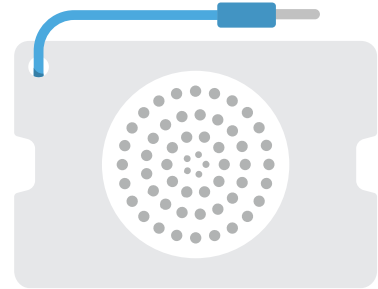
Stickers



Feet Bumpers



DIY Speaker

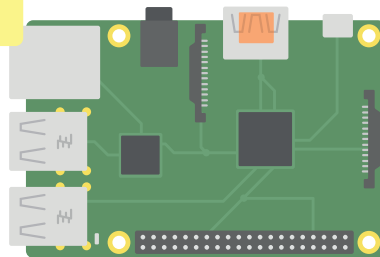


Custom Case

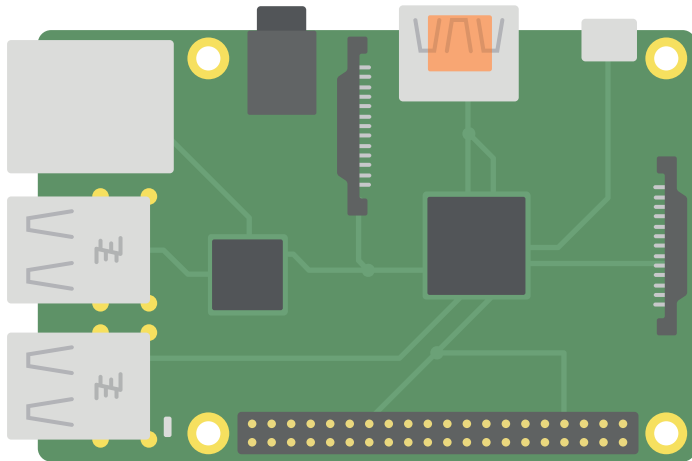


Raspberry Pi

Start with this!

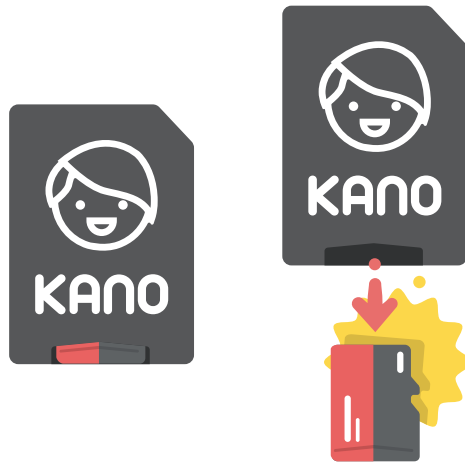


This is your computer's brain



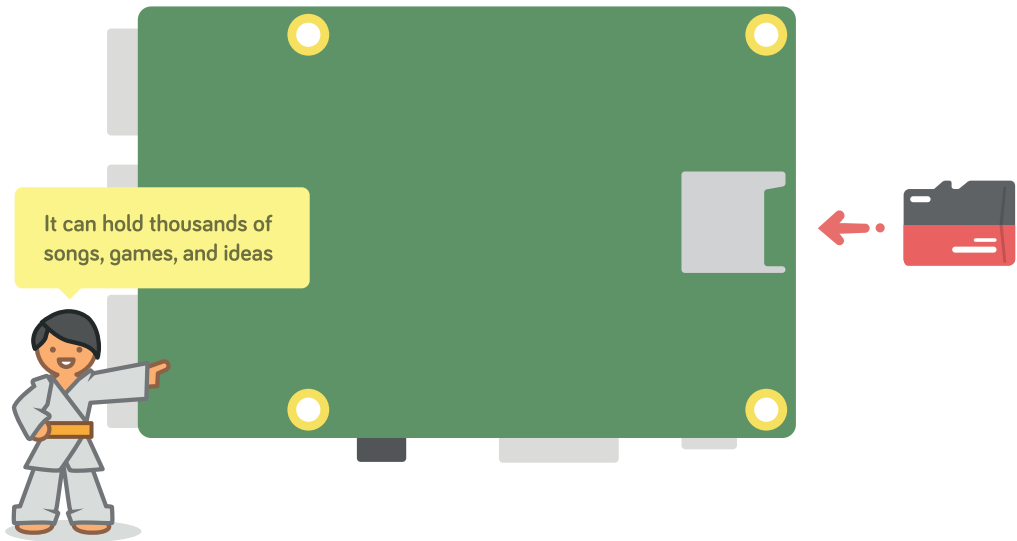
It's tiny, but powerful

Let's give the brain new powers



Grab the memory card, then slide out the micro card

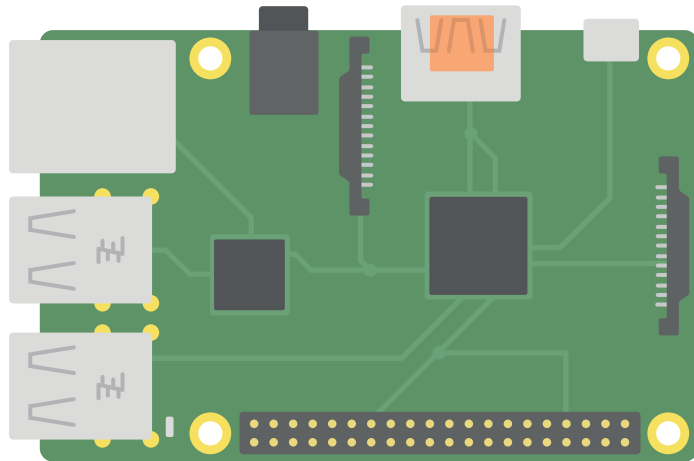
Turn the brain over



Slide in the micro card until it clicks

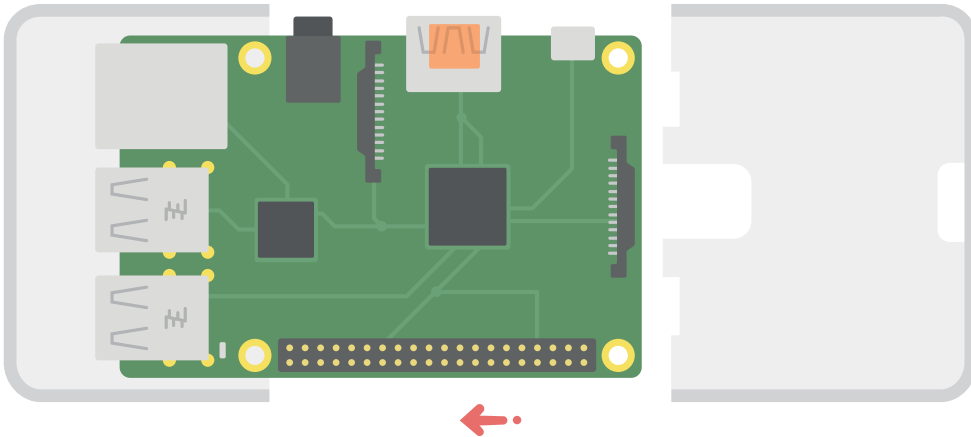


To keep it strong and safe,



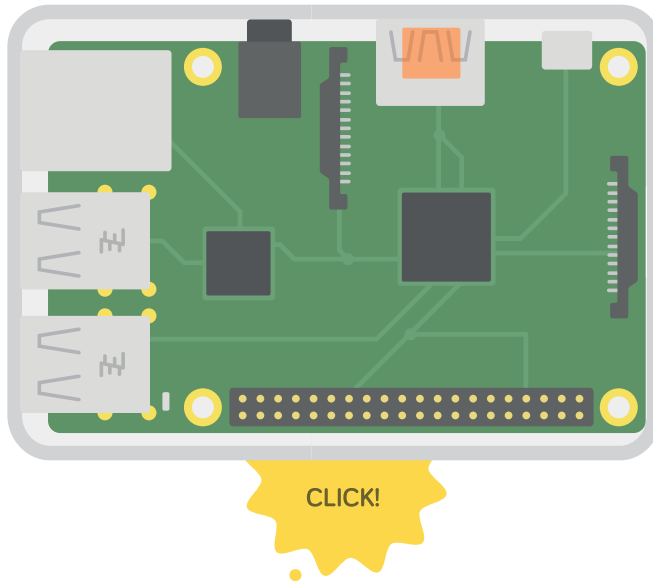
let's make a case

Grab the sides...

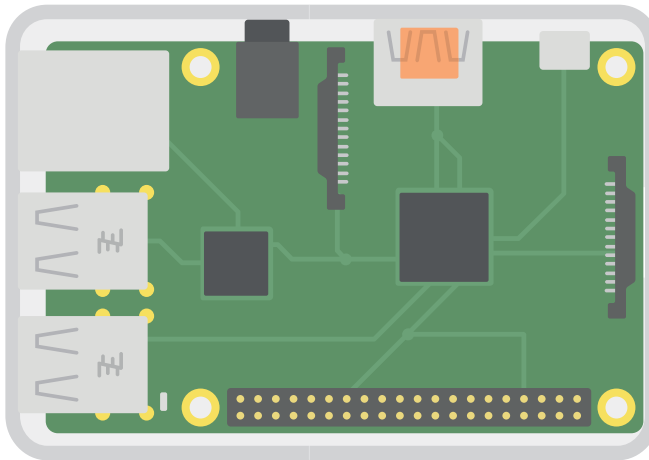


...and line them up

Slide them together

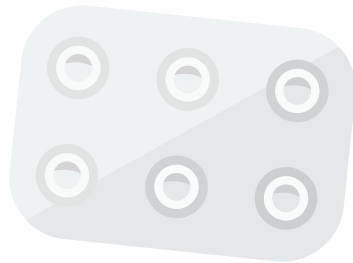


Awesome!



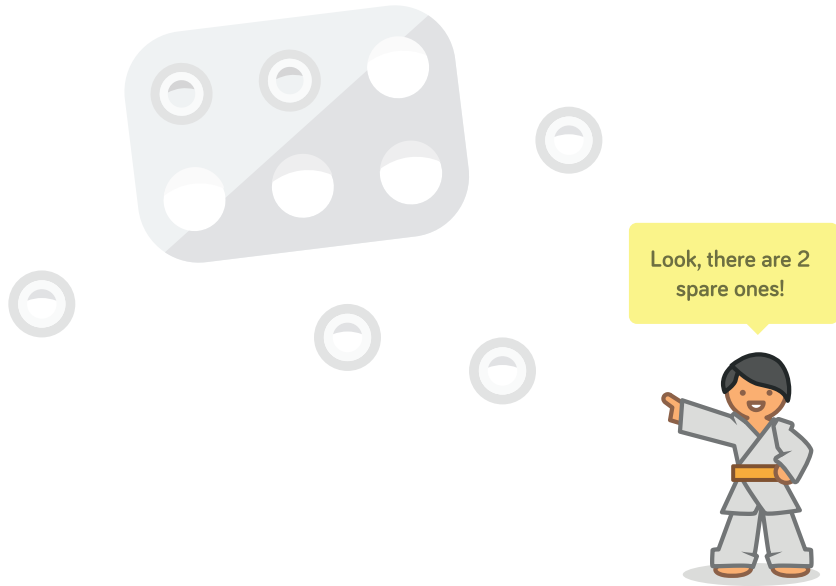
Now you have a brain with armor and memory

Let's keep the brain in place

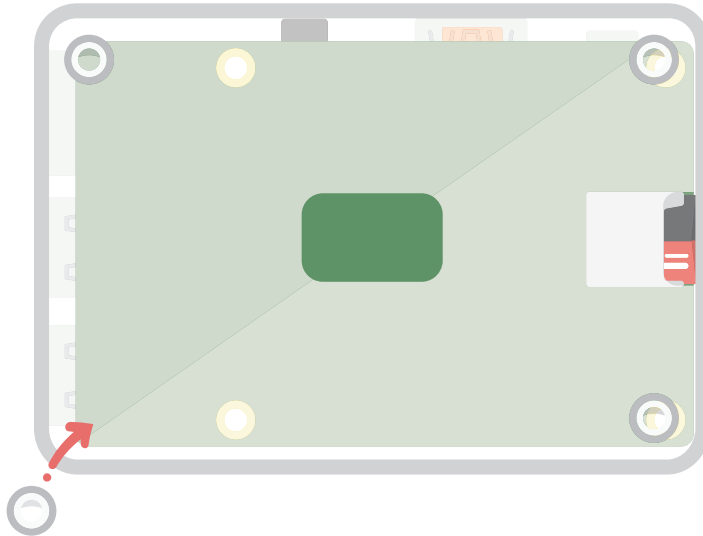


Grab the feet bumpers

Peel off four bumpers

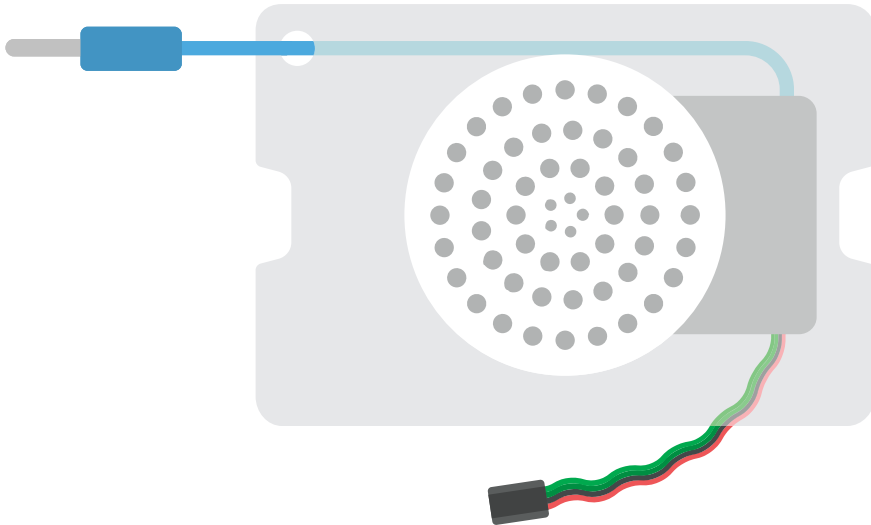


Turn the brain over



Wrap a bumper around each case foot

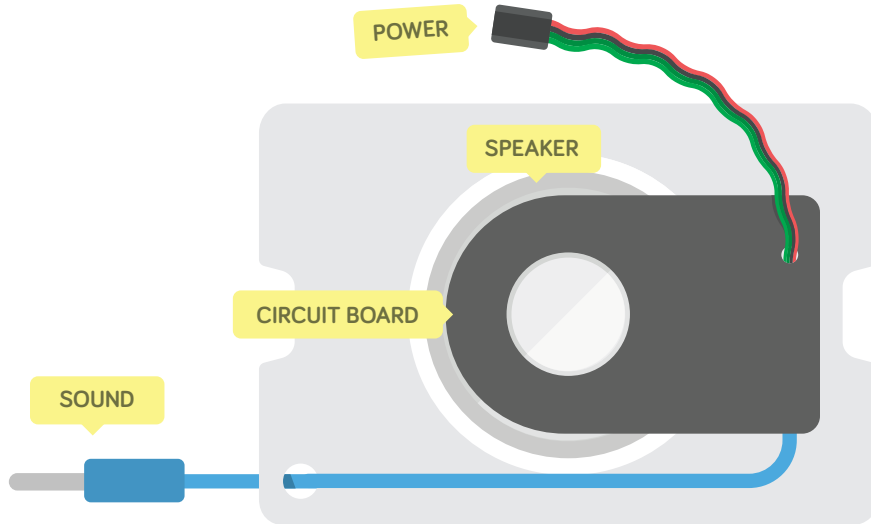
Now let's give it a voice



Pick up the speaker

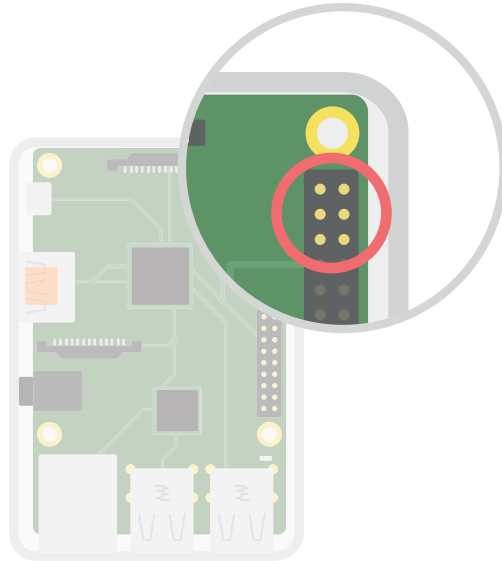


Flip it over



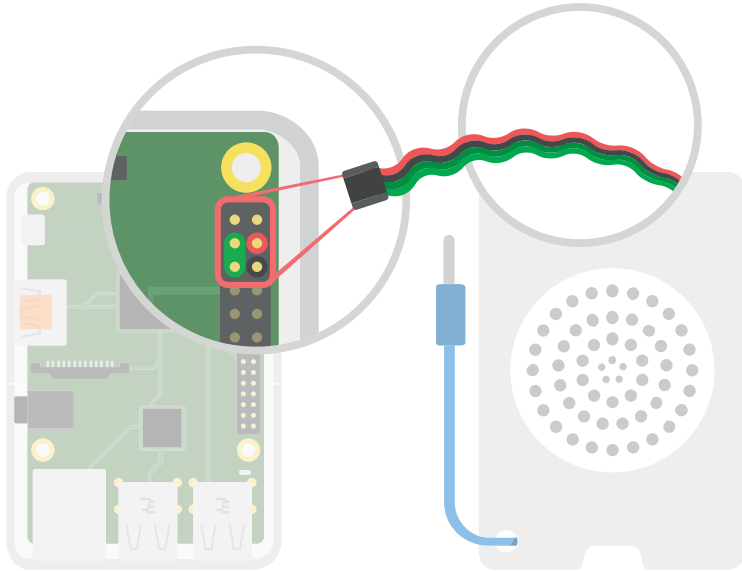
These parts work together to sing songs and blink lights

Your computer can turn electricity into sound and light!



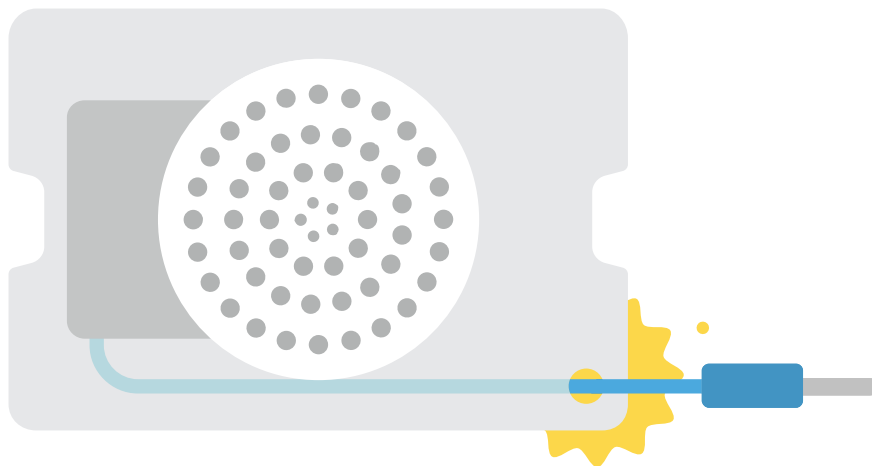
Let's borrow electrical power from these six pins

Make sure you connect it like this

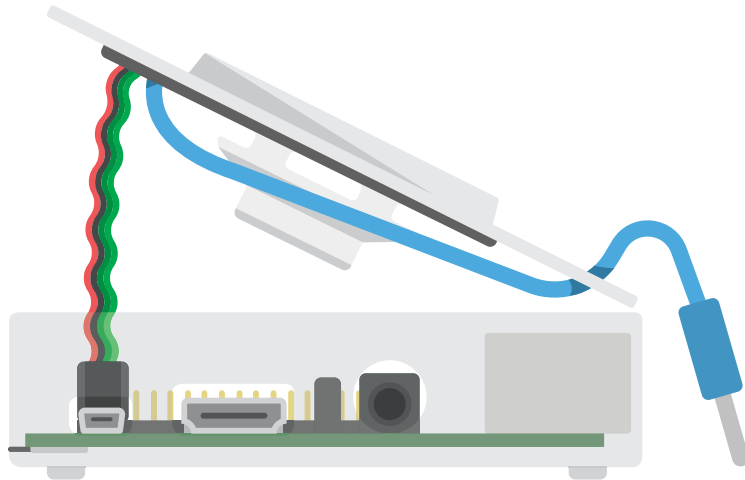


Choose the pins carefully!

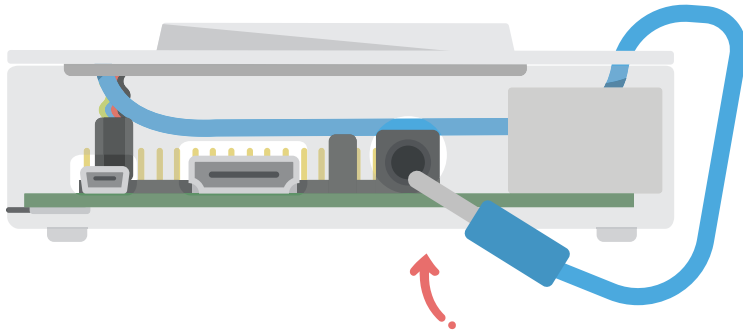
Pull the blue cable through the hole



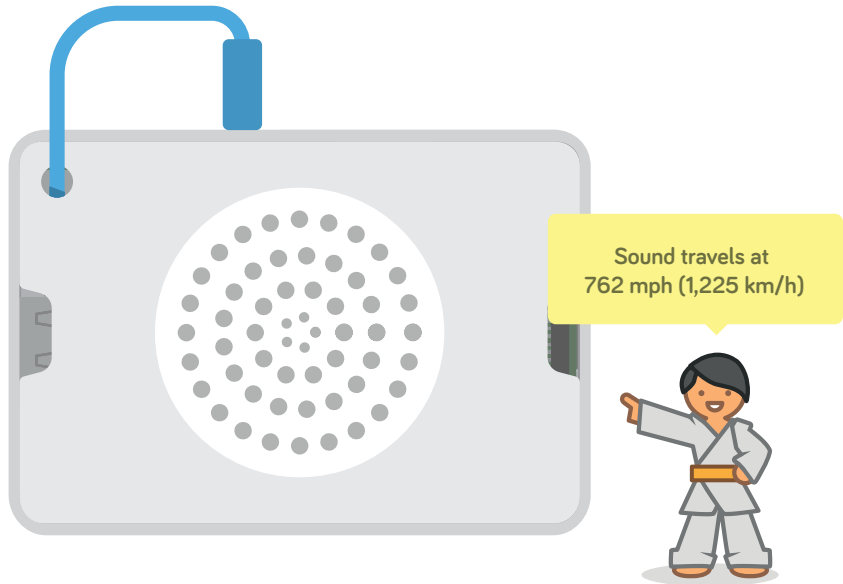
Now clip the speaker to the case



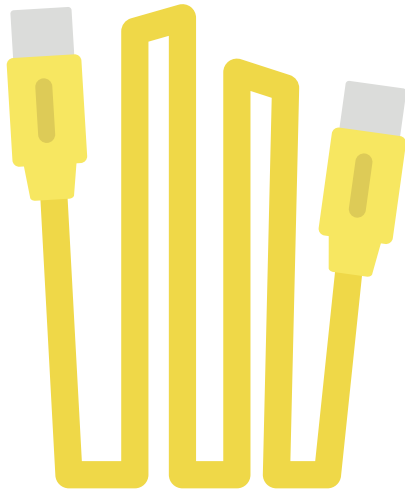
Plug in the blue cable



Amazing! A cool computer that can rock out



Let's connect a screen

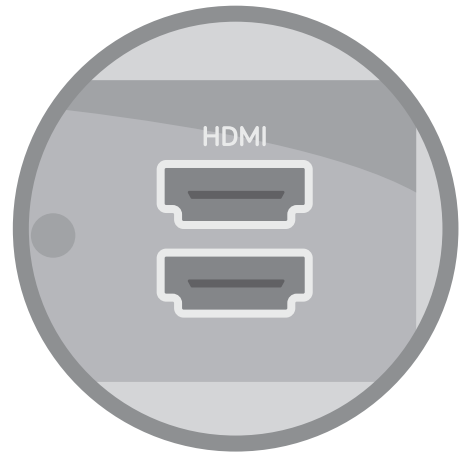


Grab the yellow HDMI cable

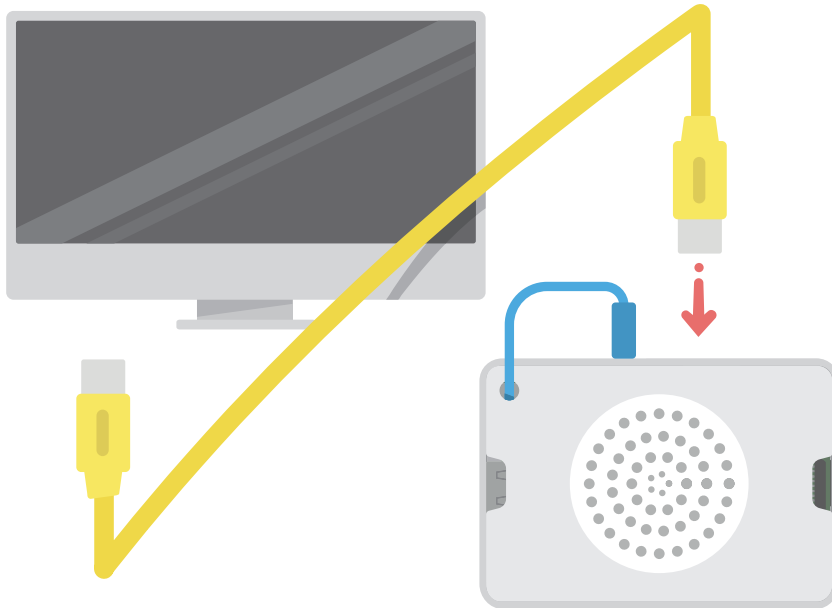


Find a display or TV with this kind of plug

Have a different type of screen?  
Visit [help.kano.me](http://help.kano.me)



Connect them



Now let's add WiFi

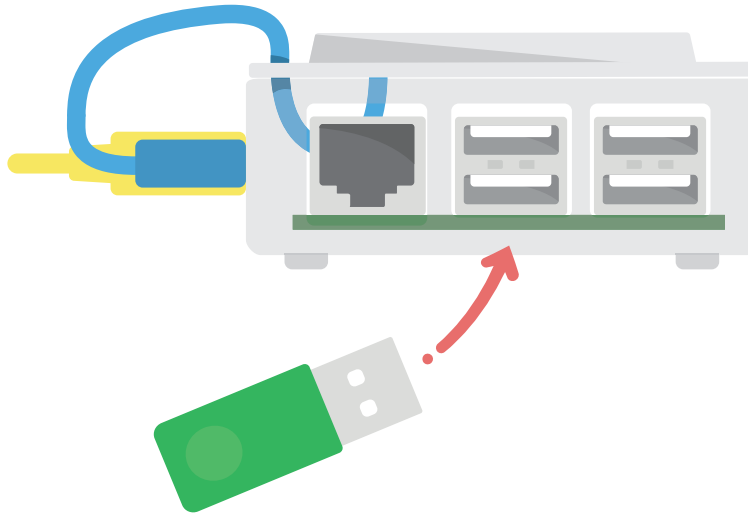


A WiFi antenna  
in a USB!

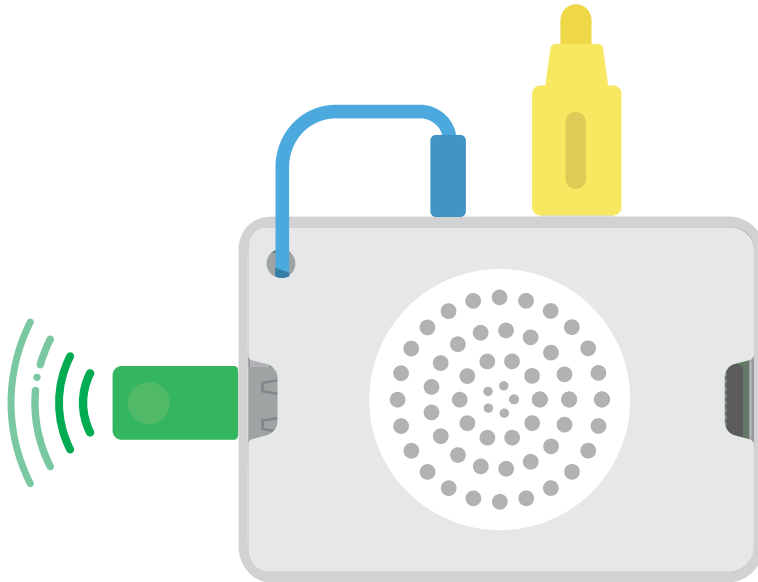


Grab the green dongle

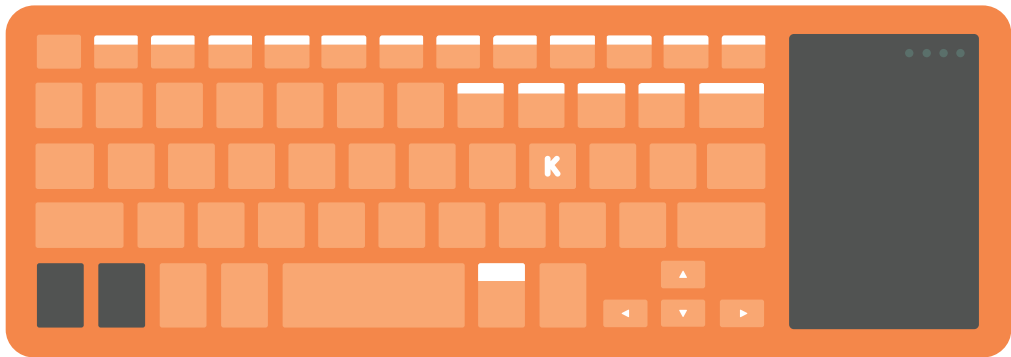
Plug the dongle into the USB



With this little piece, you can connect with the world!

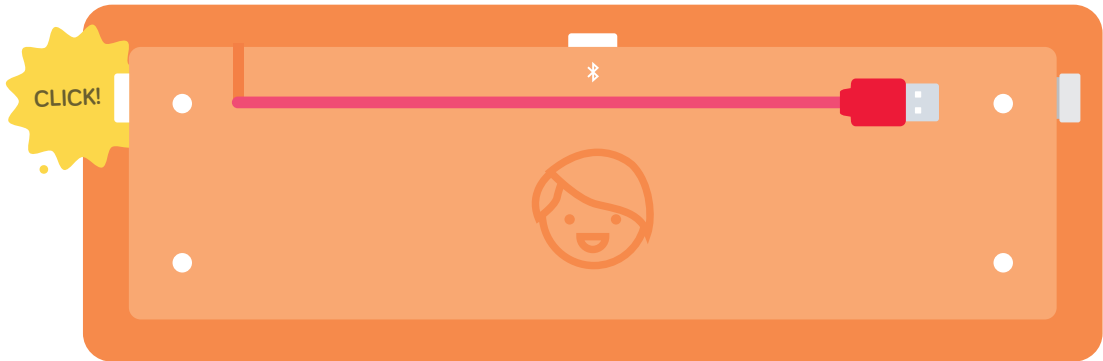


Now your computer can talk, display, and connect



Let's give it some new ideas. Grab your keyboard!

Pick it up, flip it around, and push the power button



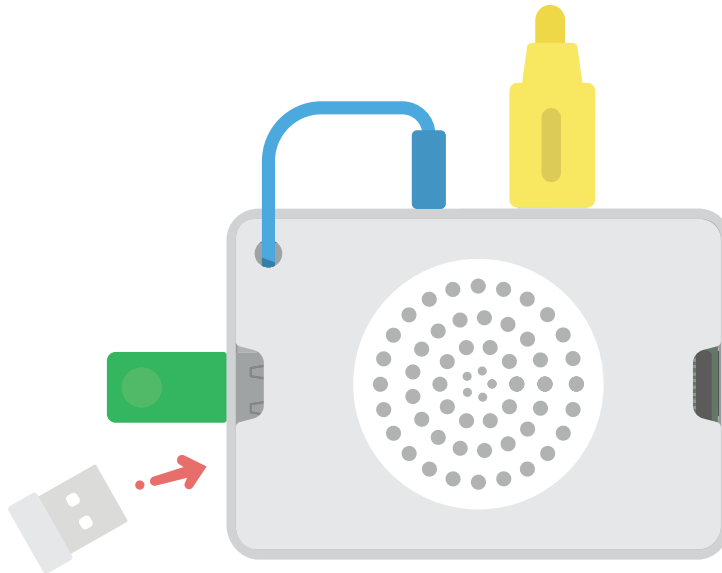
Take out the white piece



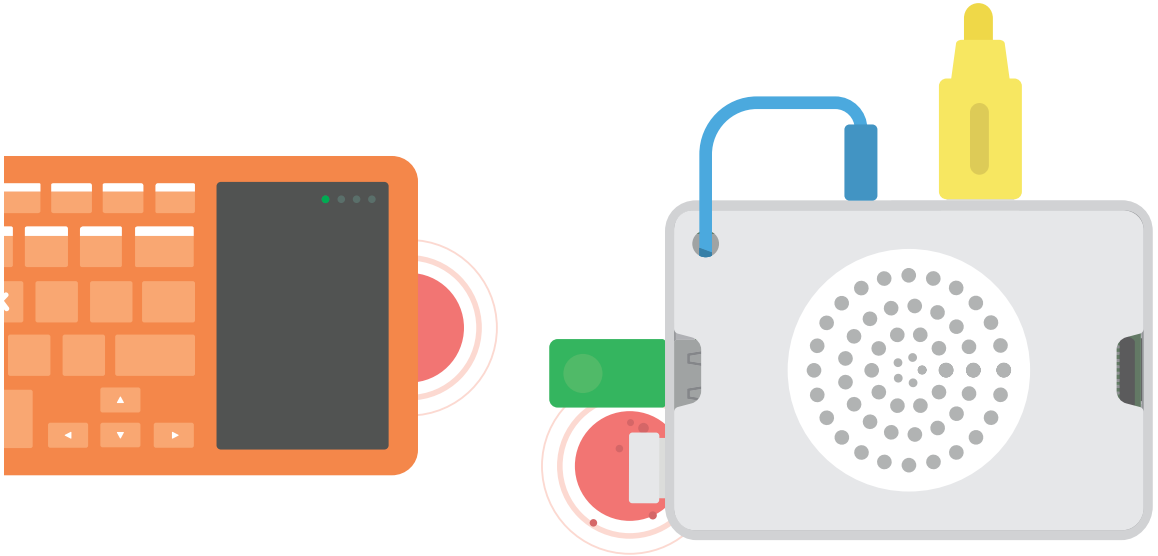
This USB has a radio antenna!



Plug the piece into your computer

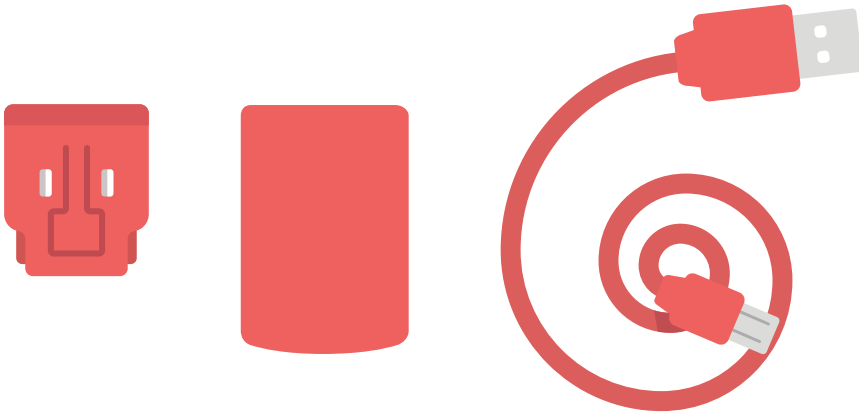


Now the keyboard and brain are connected



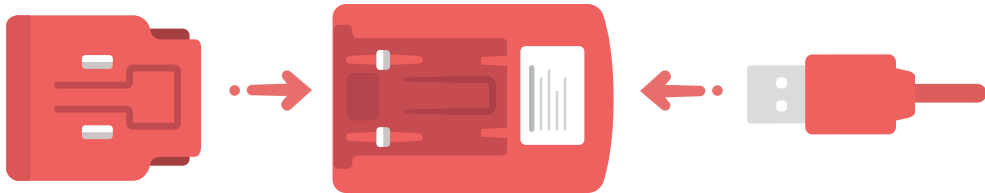
Almost there...

Let's bring it to life!



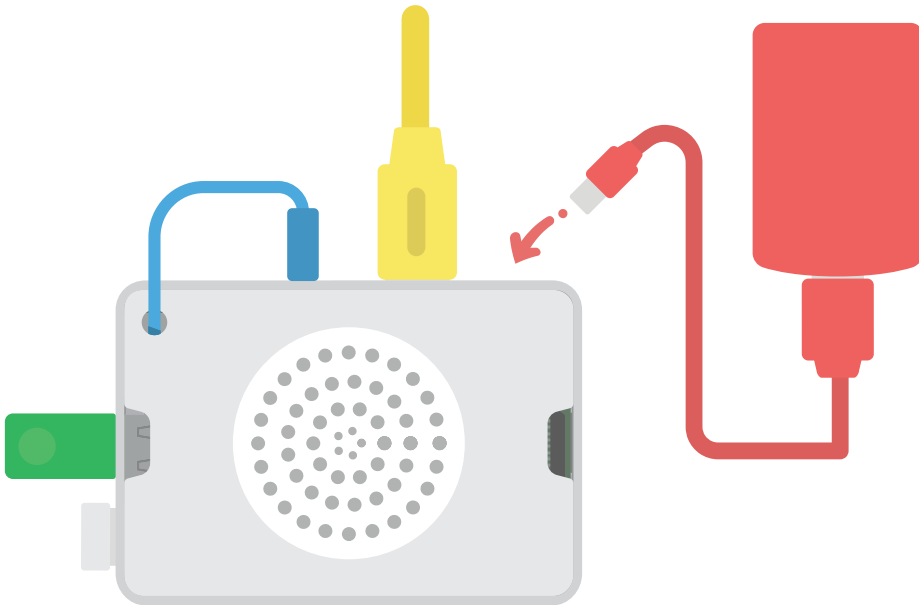
Grab the red pieces

Start by sliding the pieces together

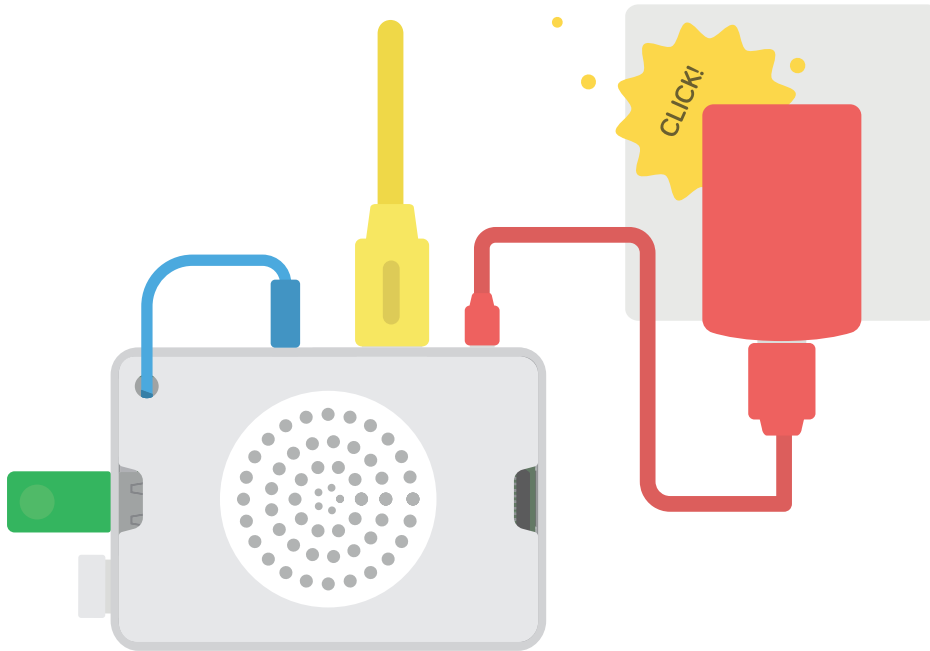


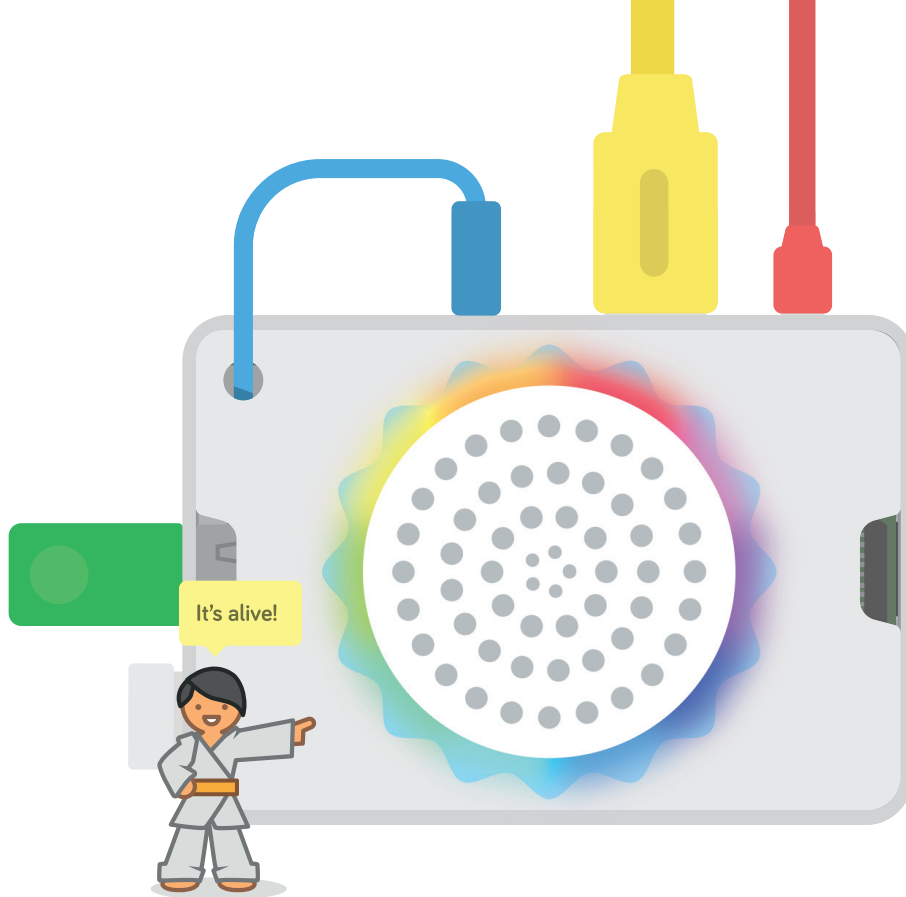
Then connect the big end of the red cable to the bottom

Now grab the small end and connect it to your computer



Put the power plug into a wall socket





And look at your screen... Your computer is thinking!

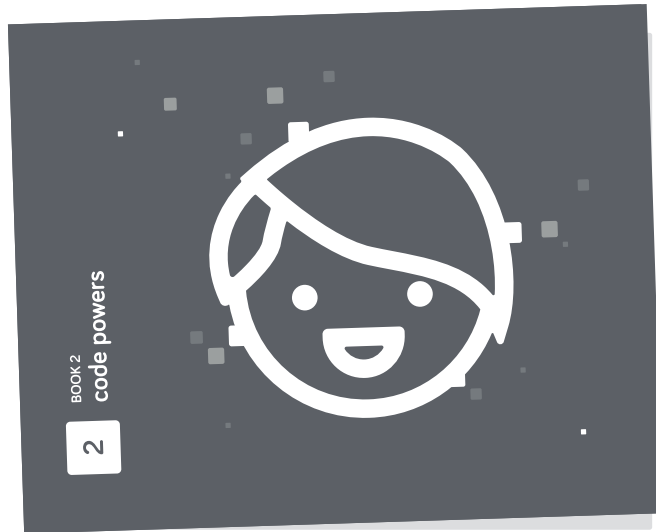




Computers can make anything...

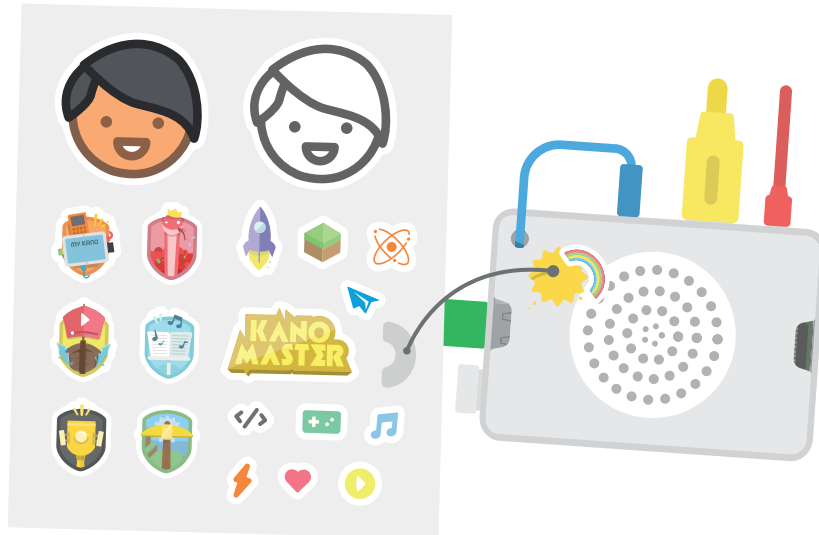


In here you'll create the most amazing things



Pick up Book 2 to get started

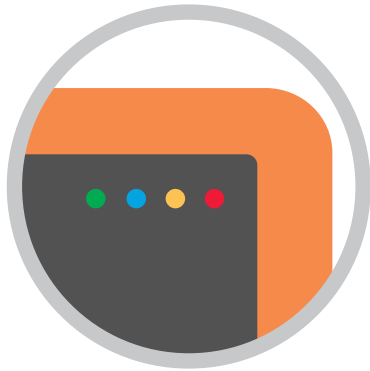
Don't forget to use your stickers



The lights on the keyboard tell you how it's feeling



Green, blue, orange, and red mean different things



**Green** - Successful radio connection



**Slow flashes** - Turned on, but not connected



**Fast flashes** - Low on power, time to charge!



**Blue** - Bluetooth connected

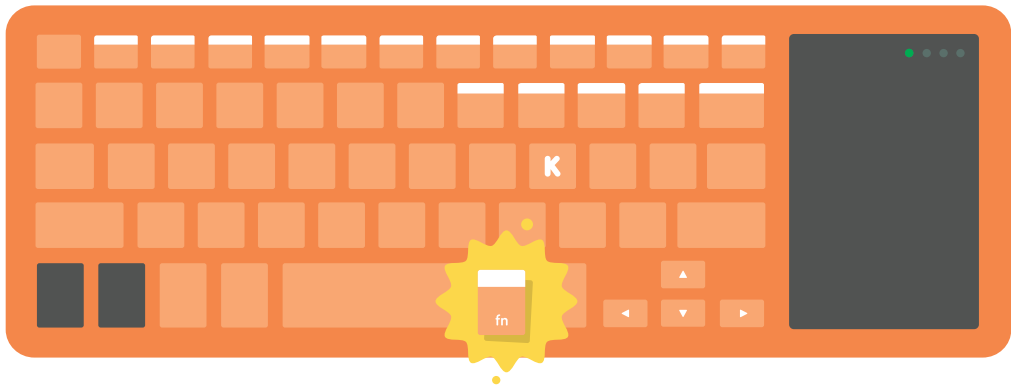


**Orange** - Caps lock status



**Red** - Charging

Your keyboard has hidden powers

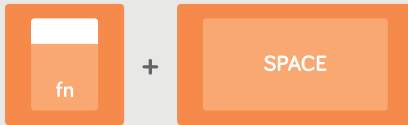


Activate the white functions by holding [FN]

Try these combinations



**Back to the Desktop**  
Minimizes everything

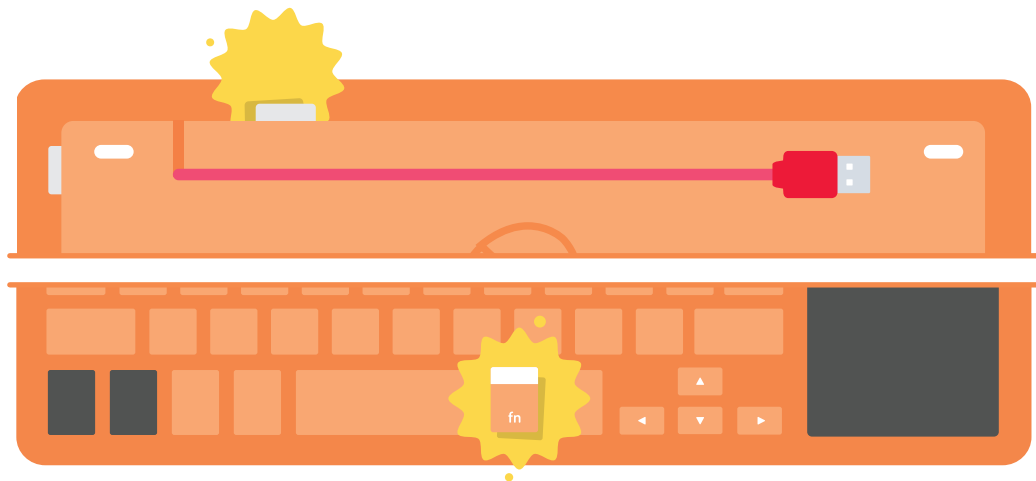


**Change mouse speed**  
Medium or fast



**Toggle tap-to-click**  
Activate tapping on the trackpad

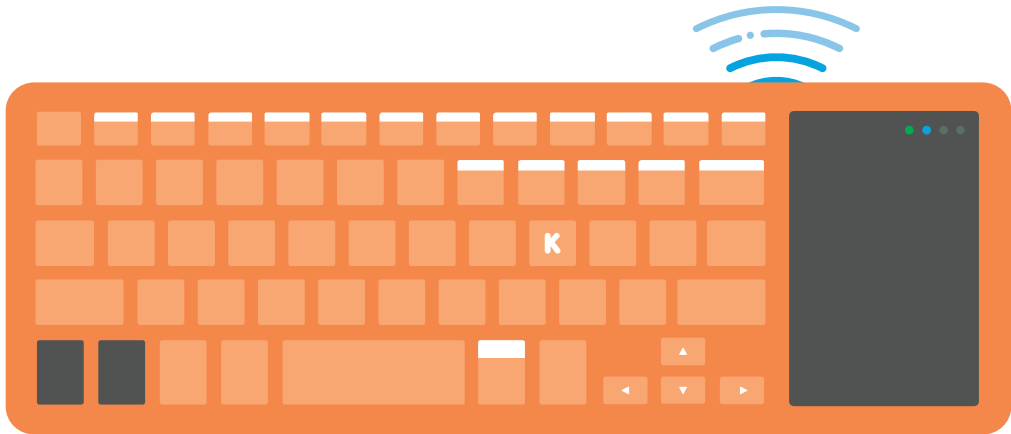
Your keyboard can connect to anything that has Bluetooth!



Press [FN] and Bluetooth button to enter pair mode

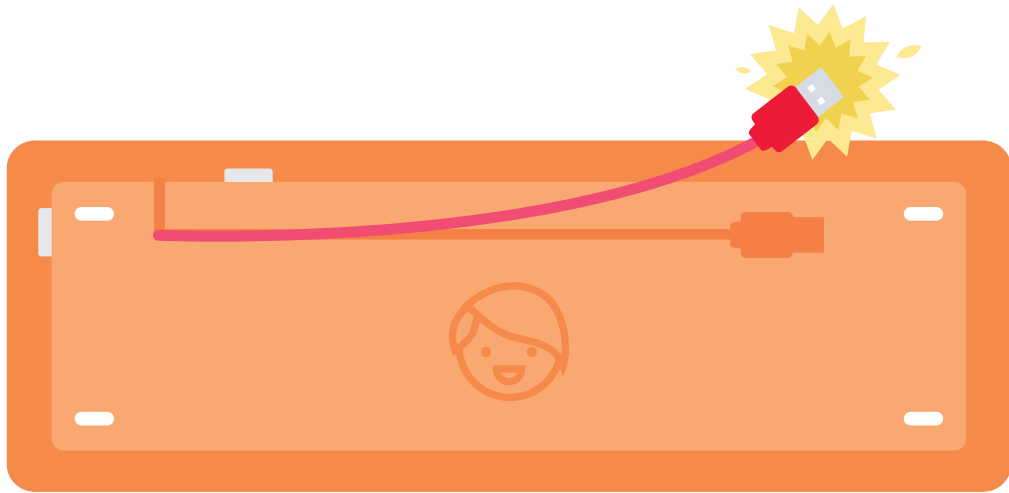


Go into your device's settings and add the Kano Keyboard



Done!

The keyboard needs to be charged from time to time



To do so, plug the red cable into the power plug, or to your computer

Need help? Want more?

**Support** [help.kano.me](http://help.kano.me)

**Website** [kano.me](http://kano.me)

**World** [world.kano.me](http://world.kano.me)

**Forum** [world.kano.me/forum](http://world.kano.me/forum)

**Facebook** [Kano Computing](https://www.facebook.com/KanoComputing)

**Twitter** [@teamkano](https://twitter.com/teamkano)

Say hi!



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A Computer Anyone Can Make<sup>™</sup>  
Anyone Can Make<sup>™</sup>

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