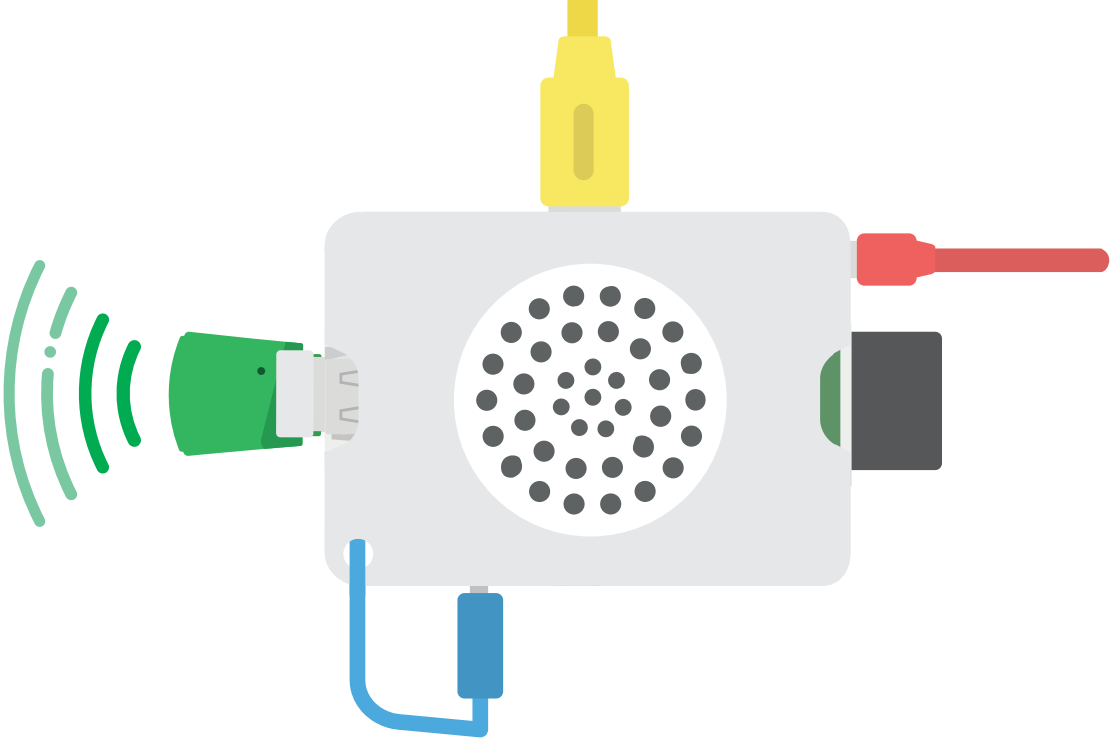
KANO

BOOK 1

make a computer

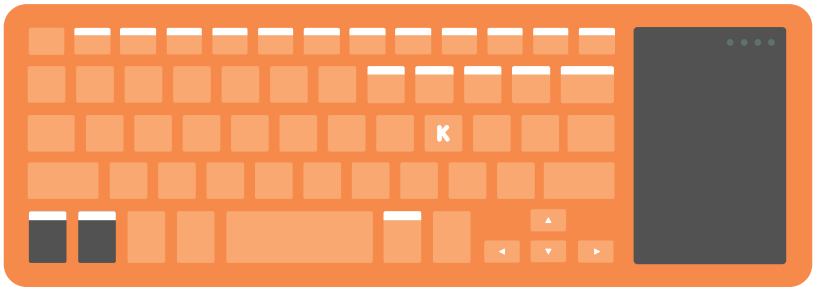


_____'s Kano

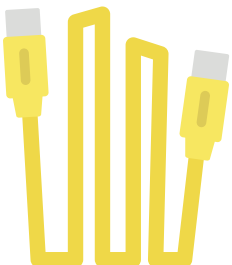
YOUR NAME

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

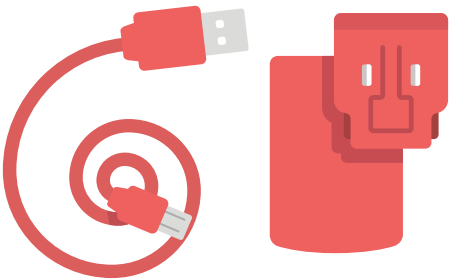
Keyboard wireless/bluetooth



HDMI cable



Power plug and cable

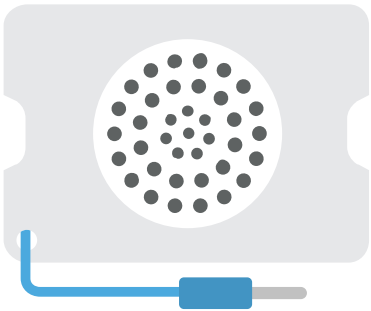


Kano OS SD Card

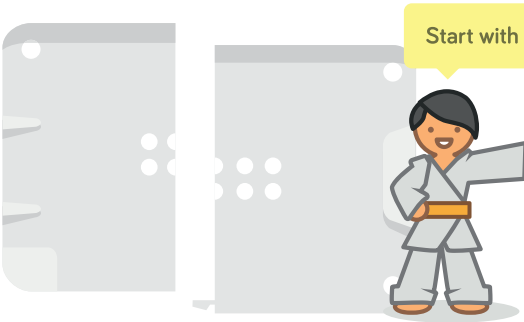
WiFi USB Dongle

Case cards orange and transparent

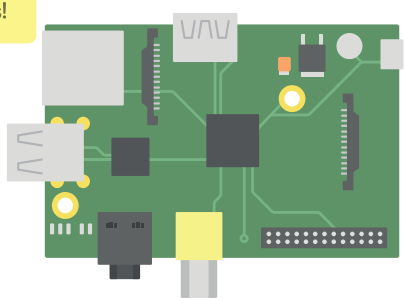
DIY Speaker



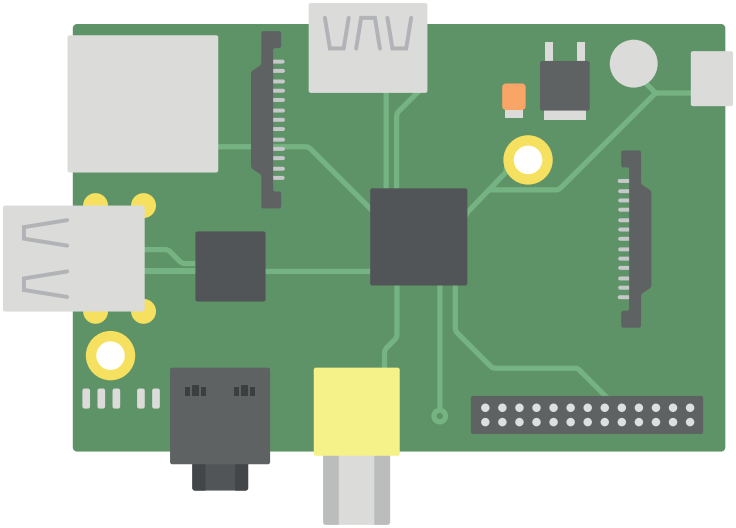
Custom Case



Raspberry Pi Model B

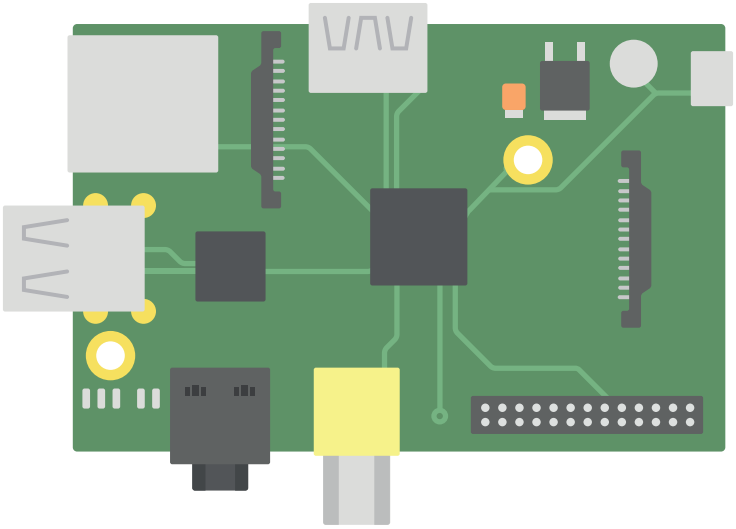


This is your computer's brain



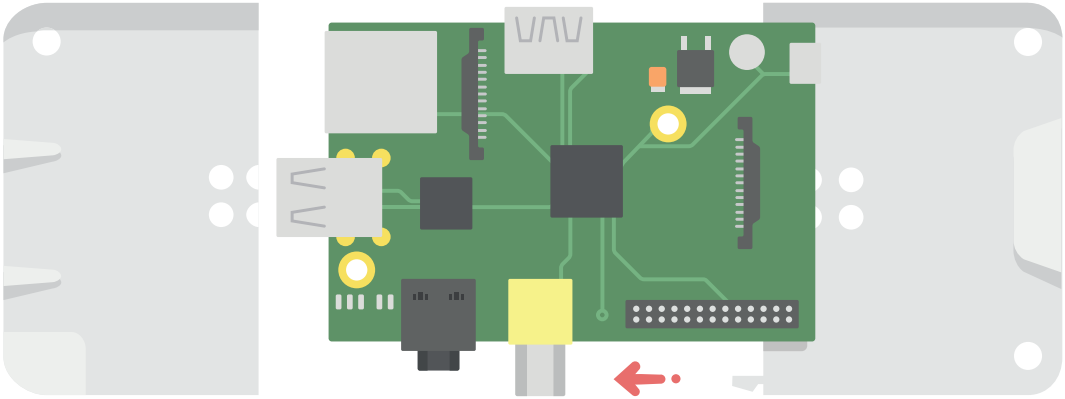
It's tiny, but powerful

To keep it strong and safe,



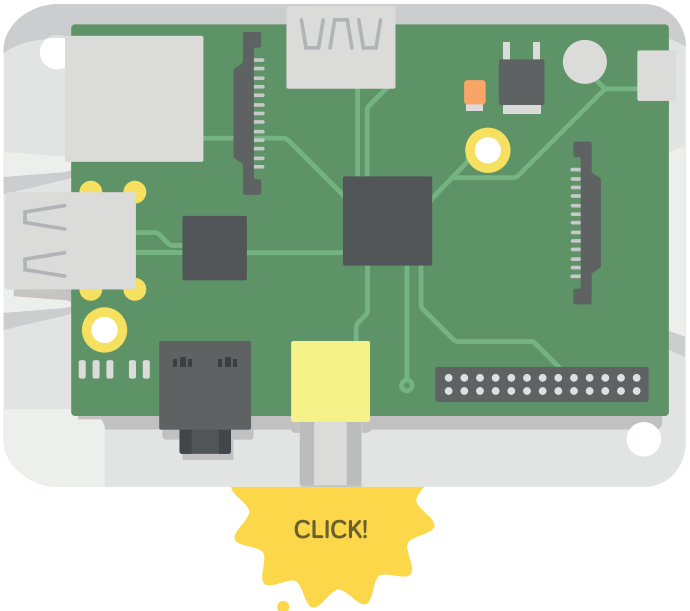
let's make a case

Grab the sides...

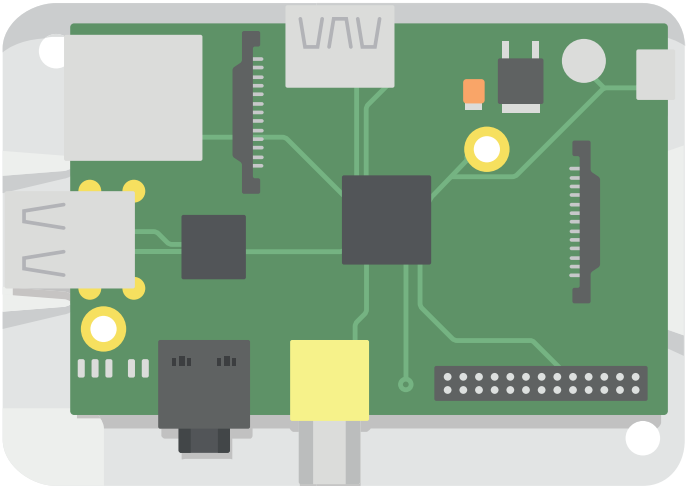


...and line them up

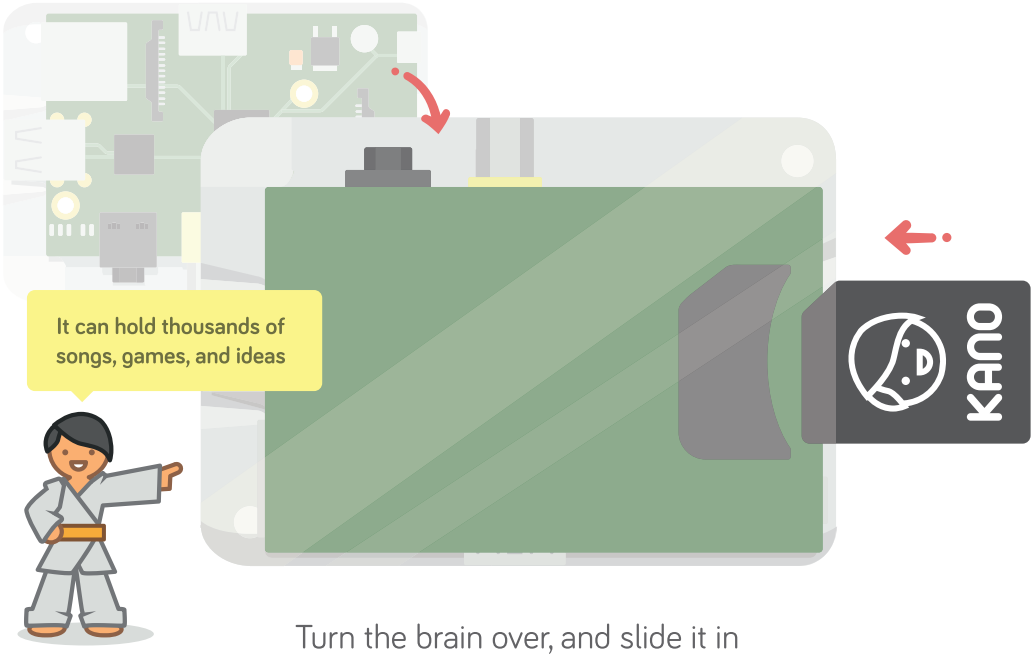
Slide them together



Now let's give the brain new powers

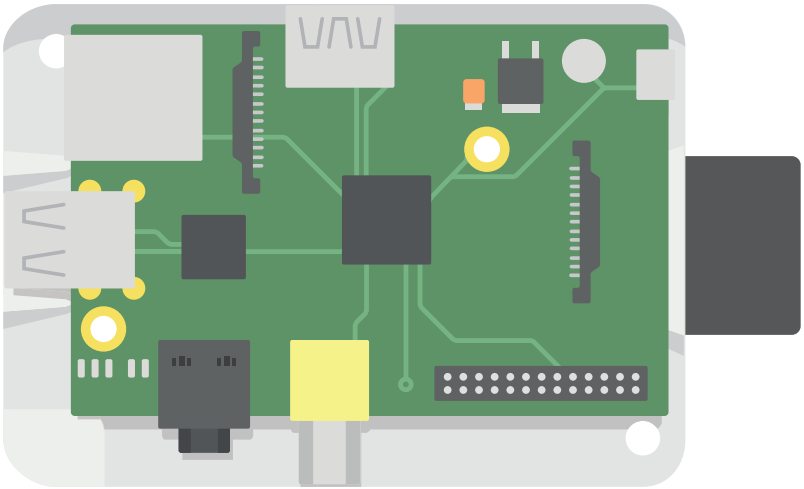


Grab the memory card



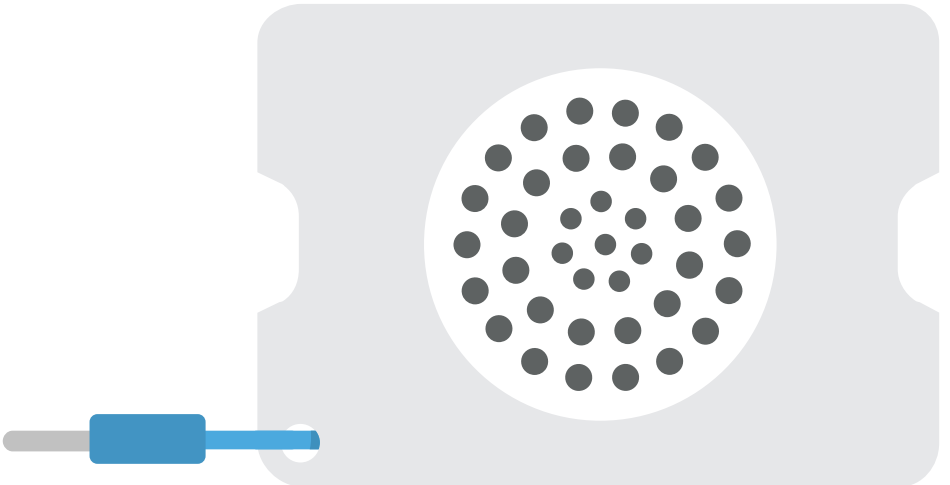
Turn the brain over, and slide it in

Awesome!



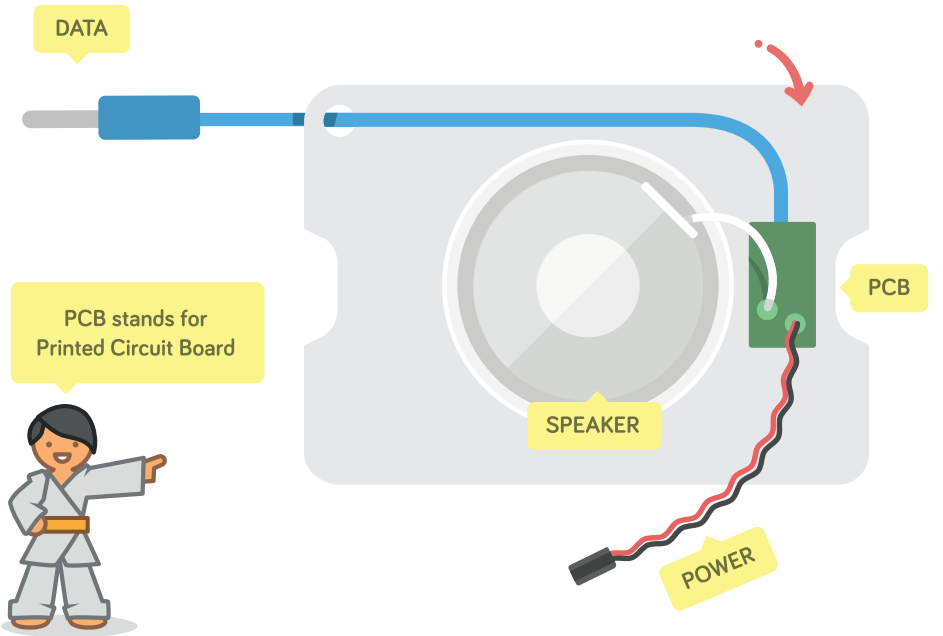
Now you have a brain with armor and memory

Let's give it a voice



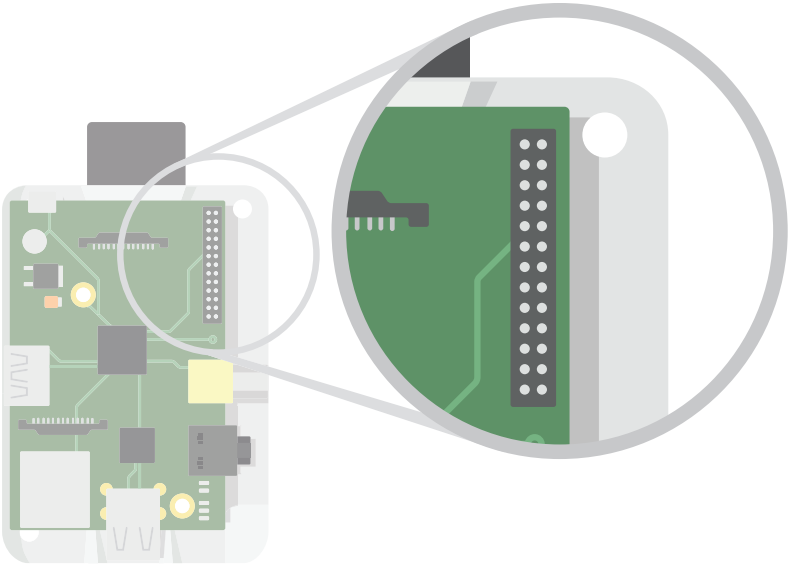
Pick up the speaker

Flip it over



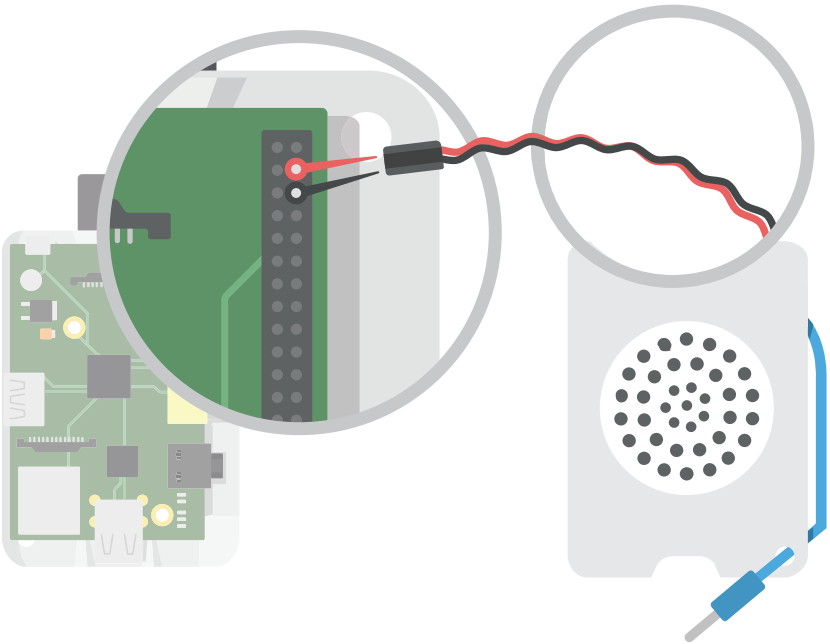
These parts work together to sing songs

Your computer can turn electricity into sound!



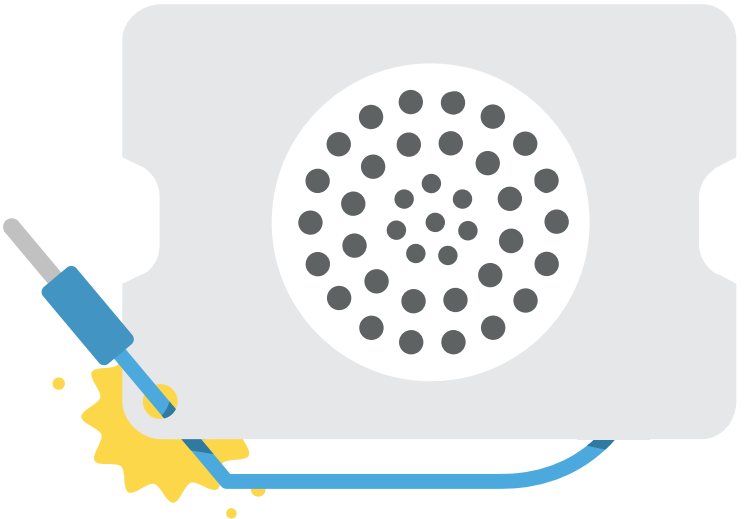
Let's borrow electrical power from these pins

Make sure you connect it like this

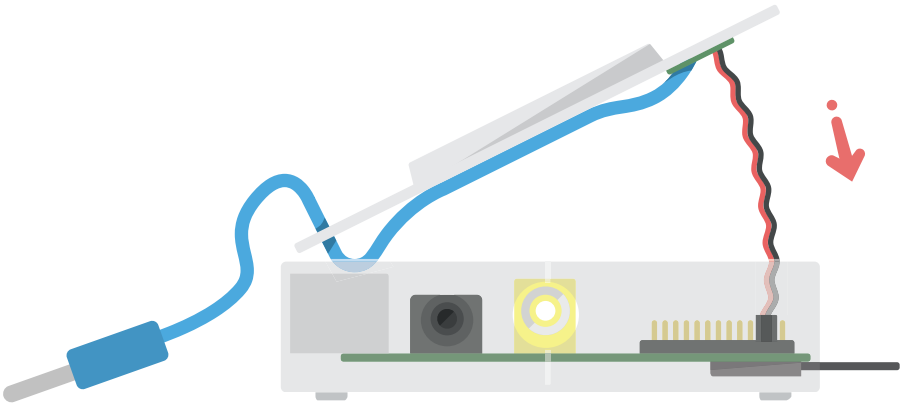


Choose the pins carefully!

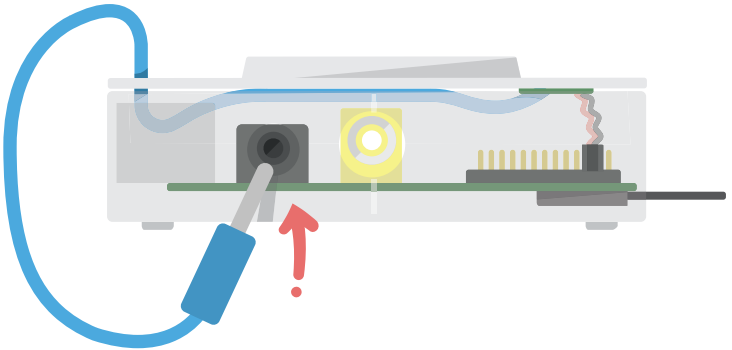
Put the blue cable through the hole



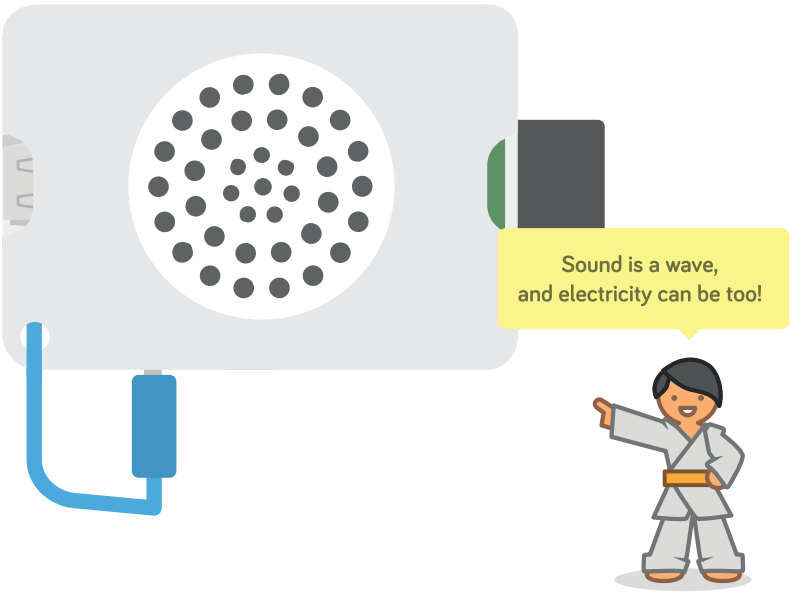
Now clip the speaker to the case



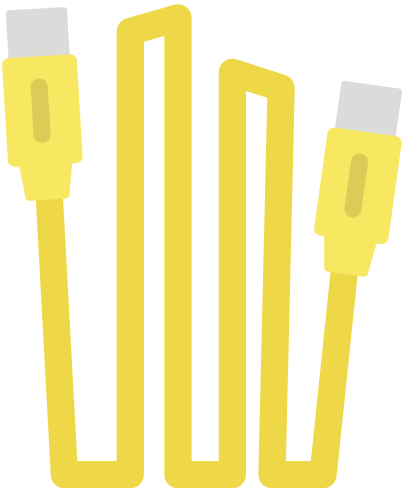
Plug in the blue cable



Amazing! A cool computer that can rock out

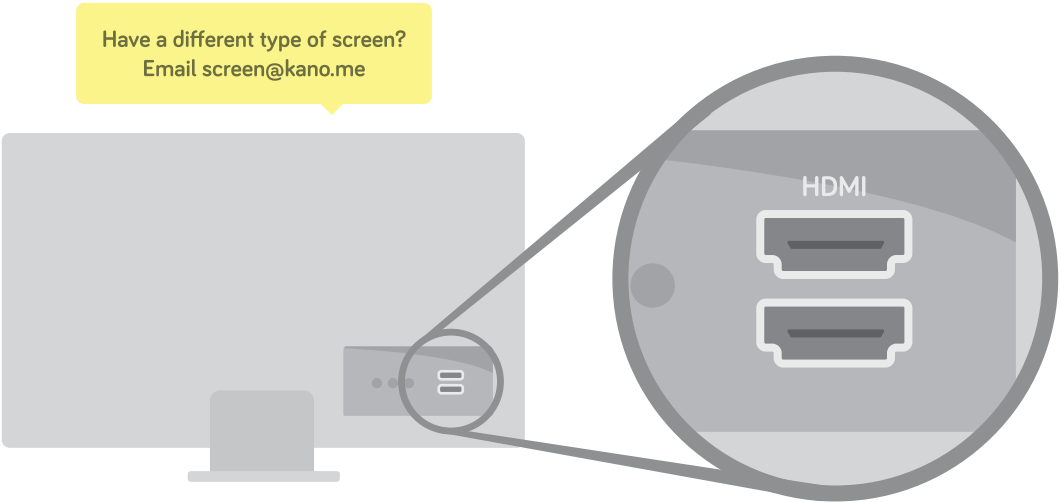


Let’s connect a screen

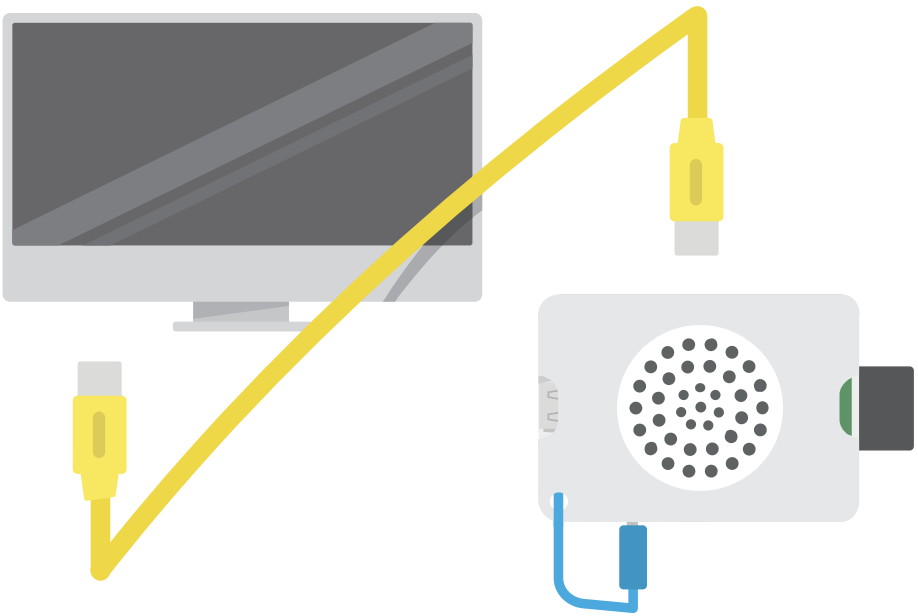


Grab the yellow HDMI cable

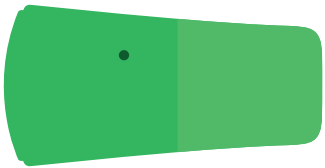
Find a display or TV with this kind of plug

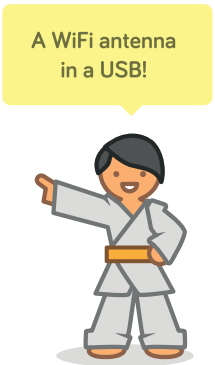


Connect them



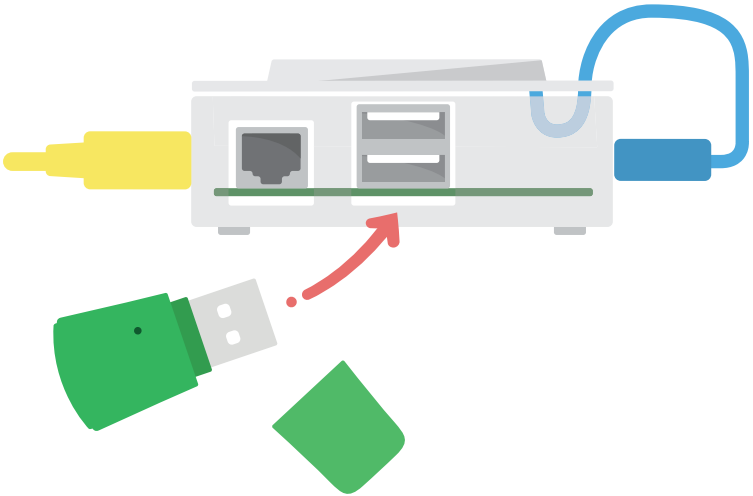
Now let's add WiFi



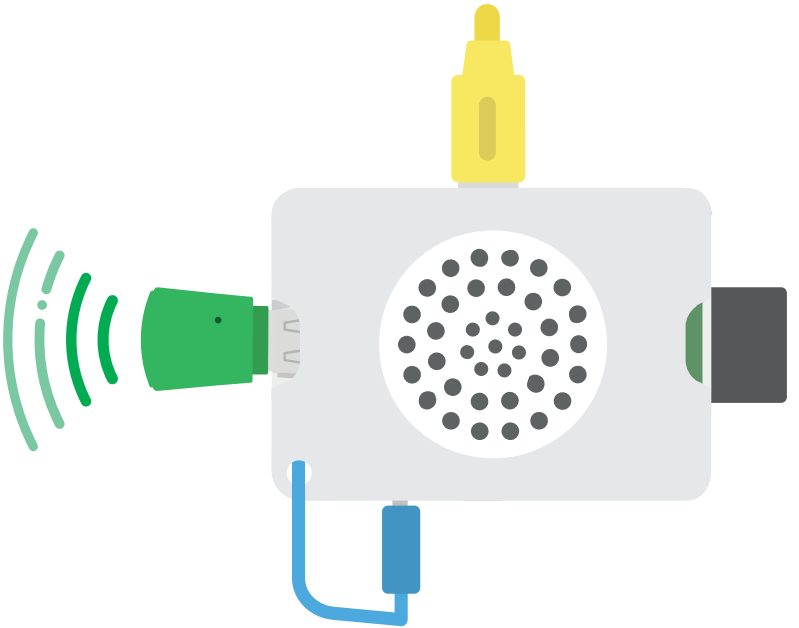


Grab the green dongle

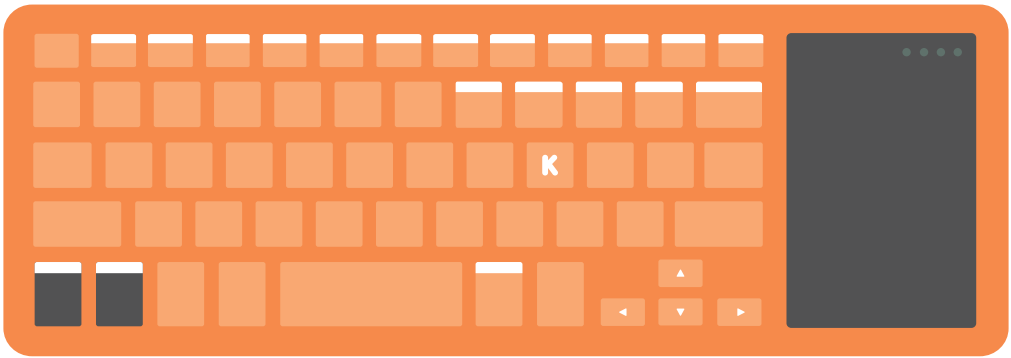
Plug the dongle into the USB



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

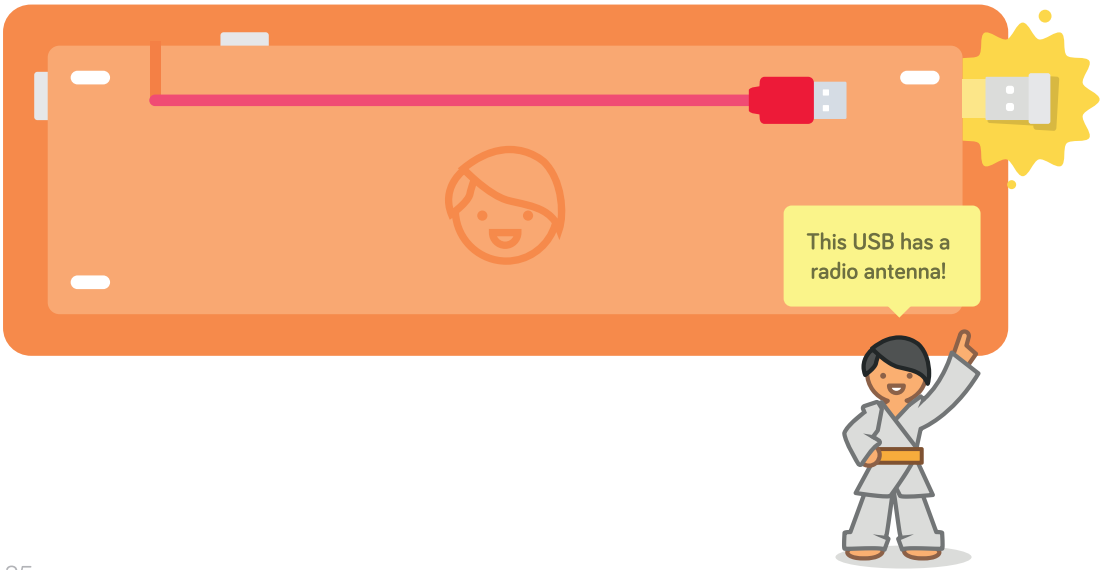


Now your computer can talk, display, and connect

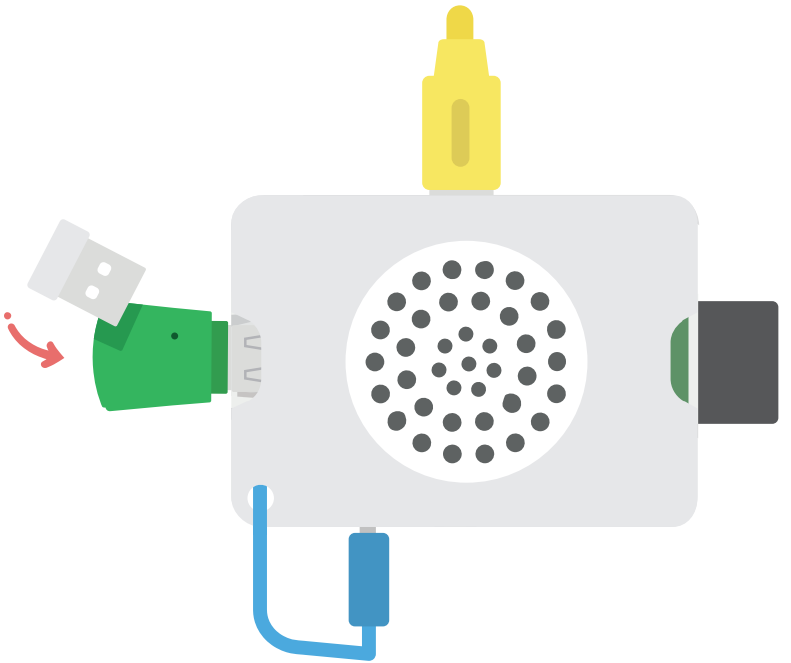


Let's give it some new ideas. Grab your keyboard!

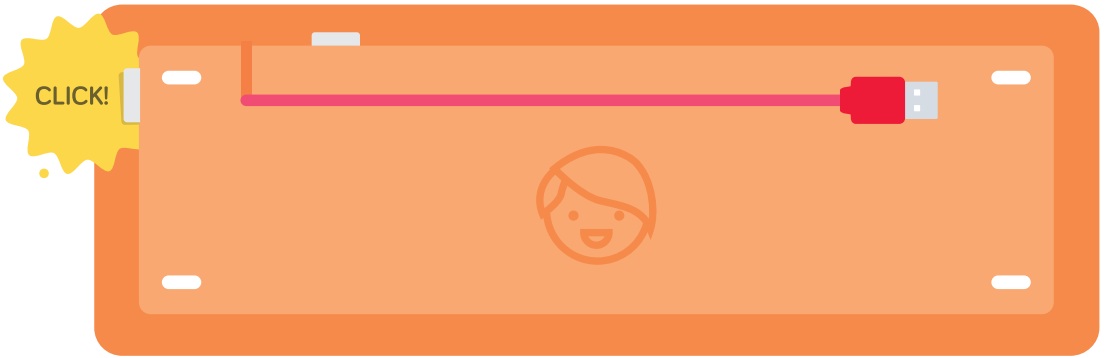
Pick it up, flip it around, and take out the white piece



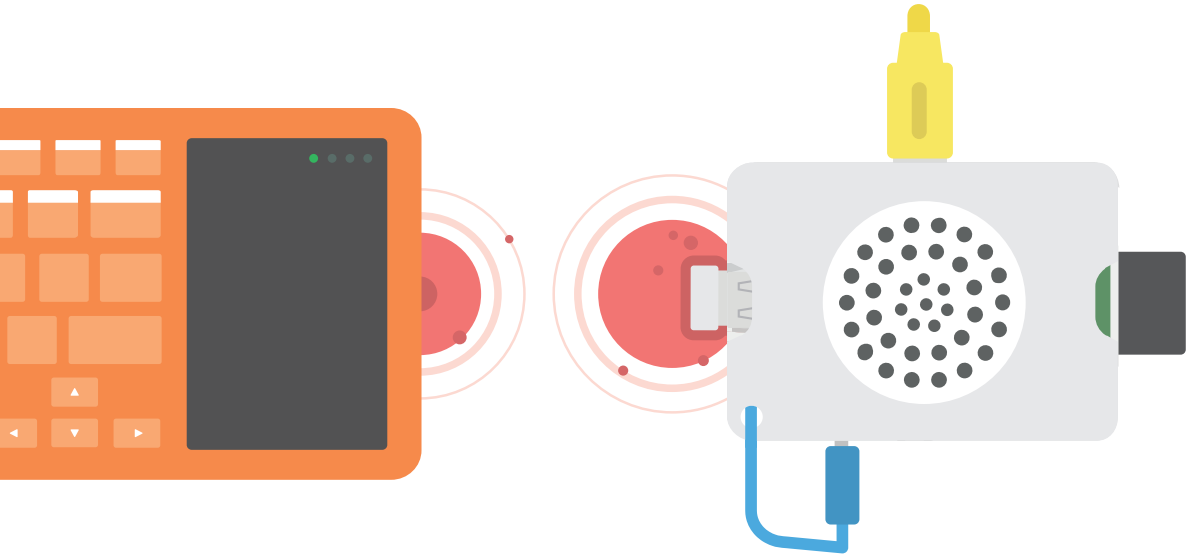
Plug the piece into your computer



Press the power button

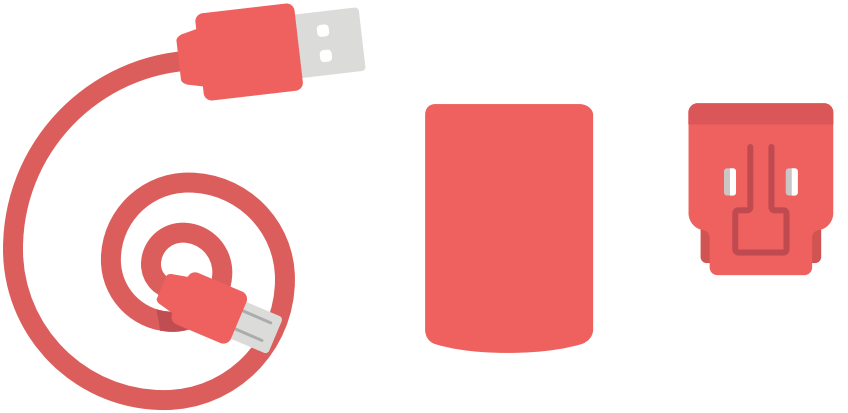


You can talk to your computer, and the computer can talk to you!



But first...

We need to bring it to life!

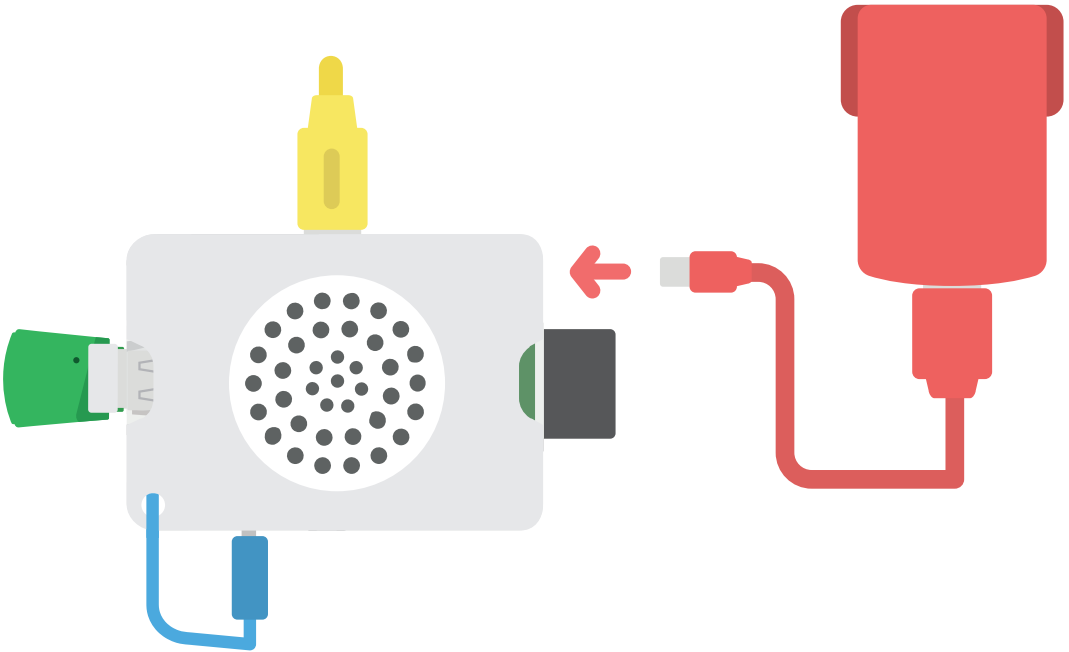


Grab the power pieces

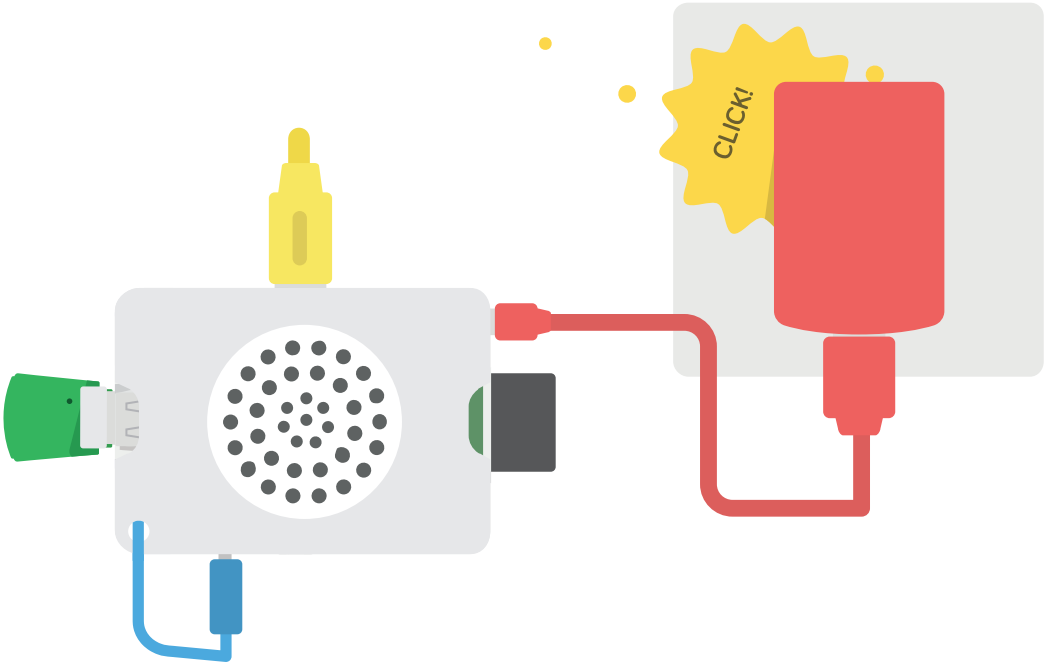
Start by sliding the plug pieces together

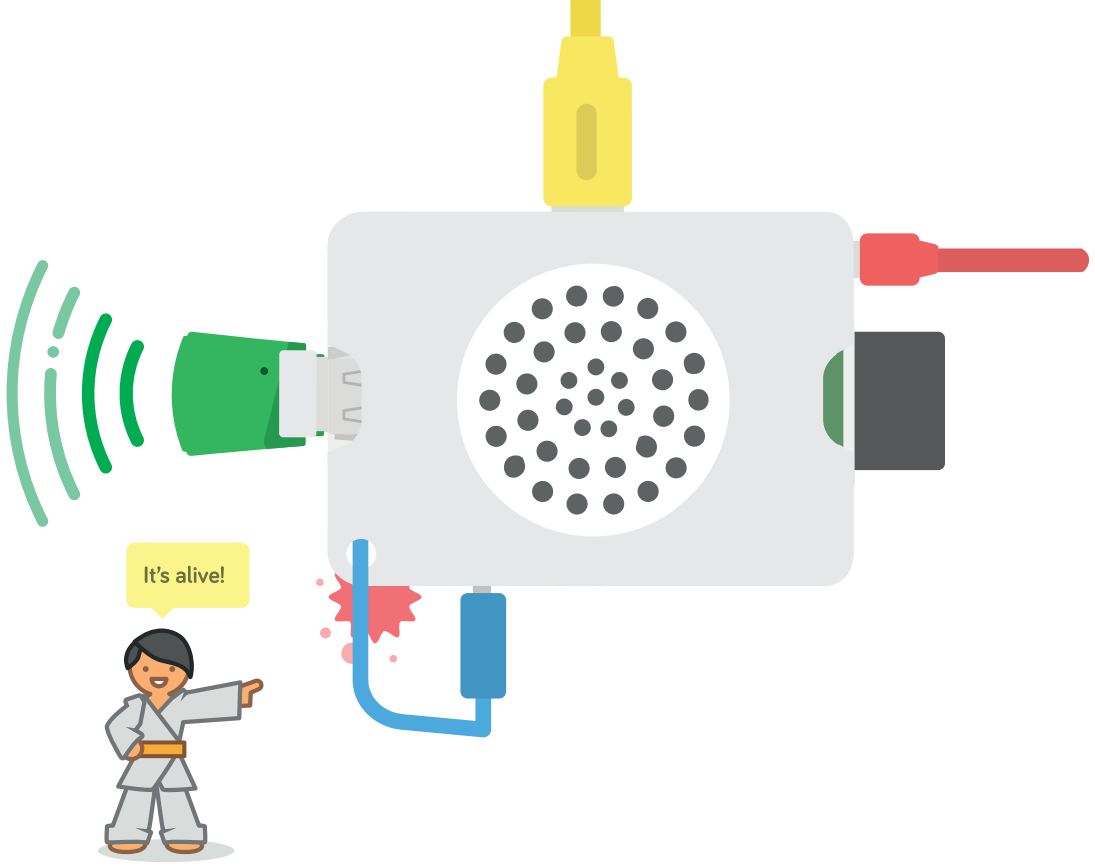
Then connect the big end of the red cable to the bottom

Now grab the small end and connect it to your computer



Put the power plug into a wall socket



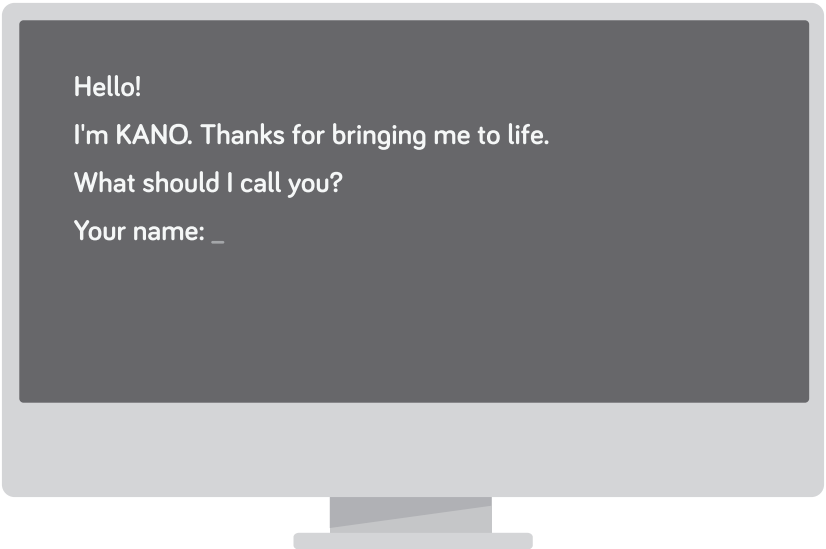

It's alive!

And look at your screen, your computer is thinking!

With code...

Computers can make anything...

Now follow along onscreen...



Type and press [ENTER]

You made it!

Now let's get set up...

Move the mouse with the touchpad

Click with the Left and Right buttons

Kano is your world to make and play

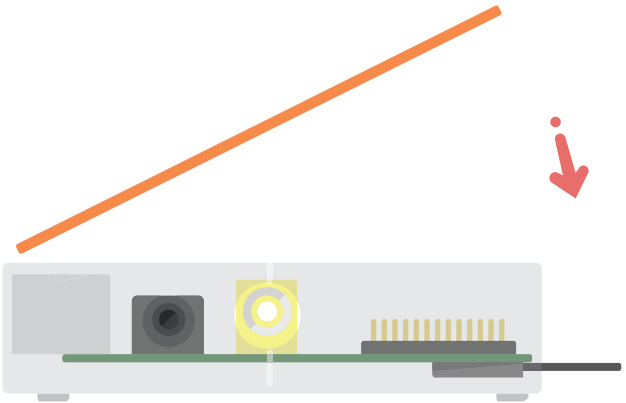
In here you'll create the most amazing things

Pick up Book 2 to get started

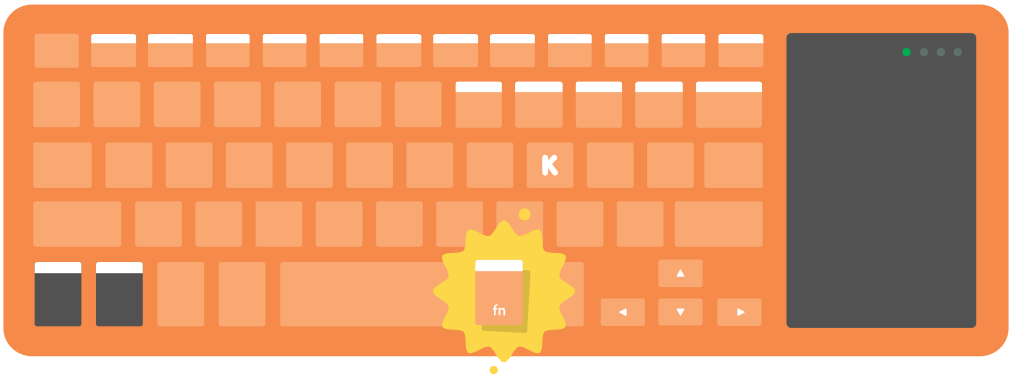
Oh, by the way – you can customize your computer

Choose your favorite case card...

And clip it in

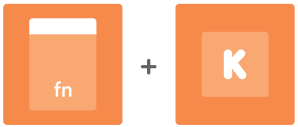


Your keyboard has hidden powers

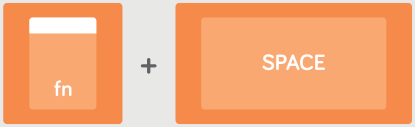


Activate the white functions by holding [FN]

Try these combinations



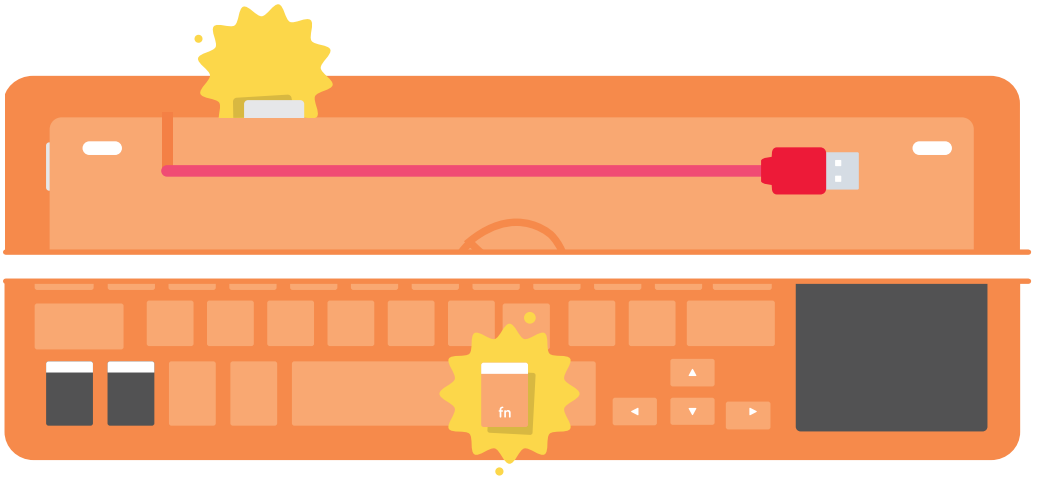
Launch Kano Help
If you run into problems



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 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

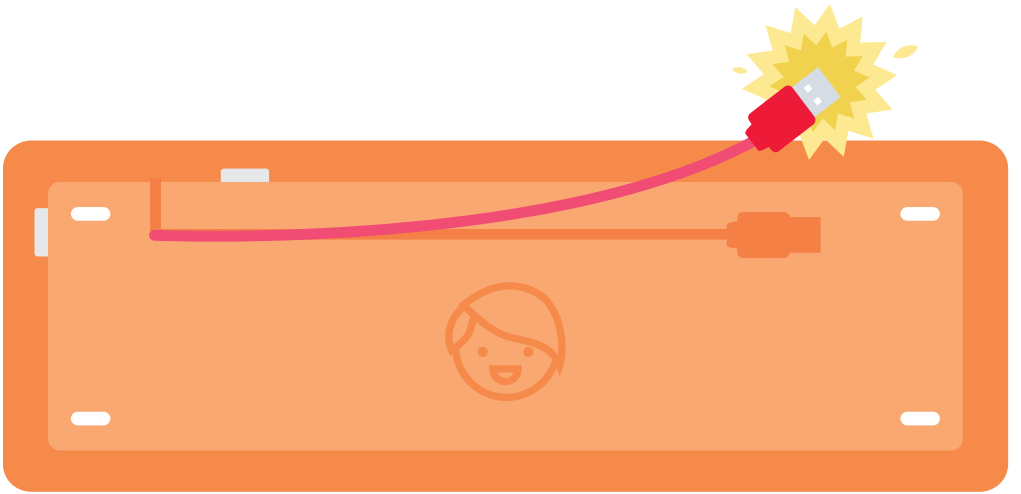
Fast flashes - Low on power, time to charge!

Blue - Bluetooth connected

Orange - Caps lock status

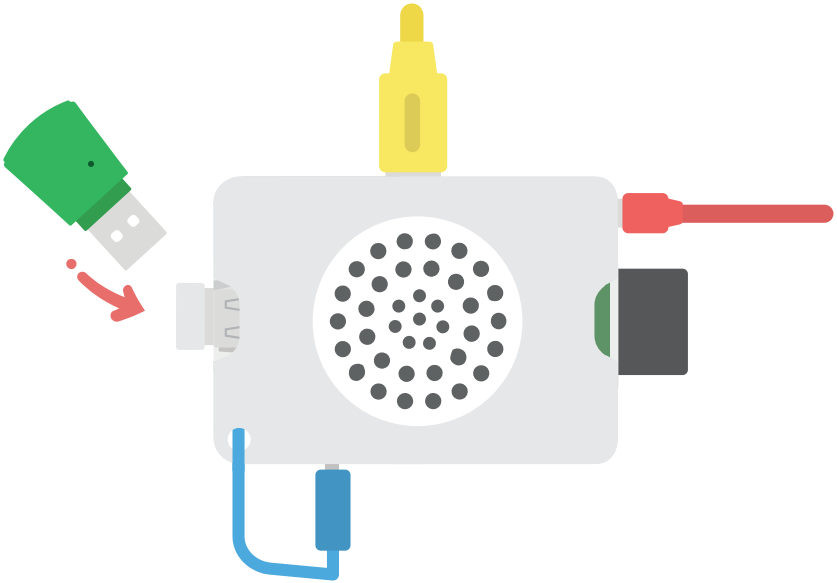
Red - Charging

The keyboard needs to be charged from time to time



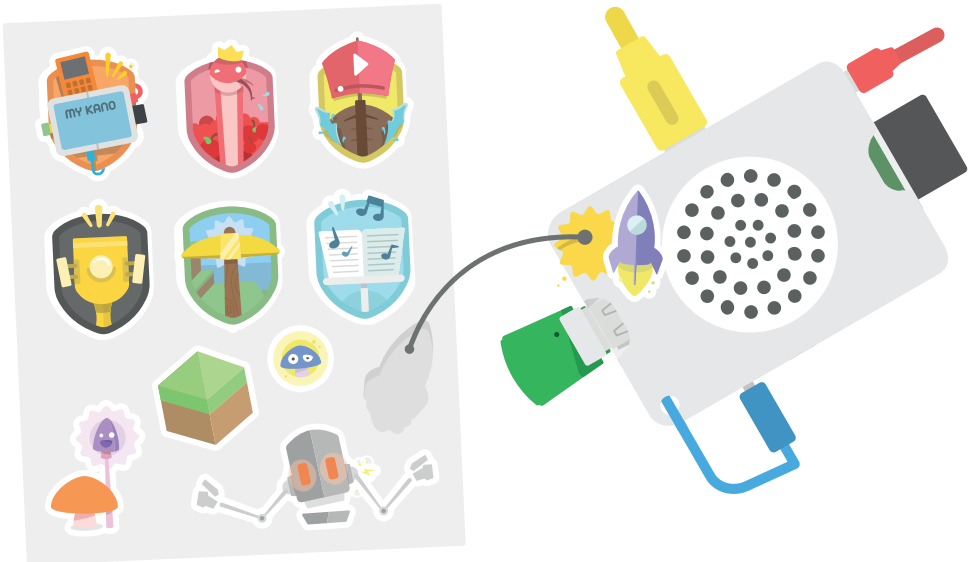
To do so, plug the red cable into the power plug, or to your computer

Just so you know, when you plug in a USB...



Your computer will restart

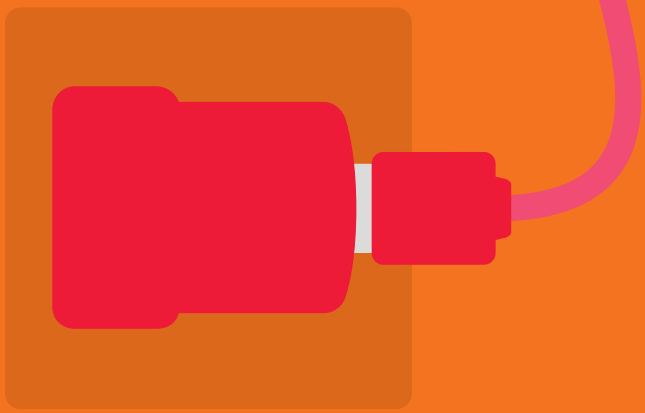
Add stickers!



Make your own style...

Need help? Want more?

E-mail	help@kano.me
Website	kano.me
Facebook	KanoComputing
World	world.kano.me
Twitter	@TeamKano
Forum	talk.kano.me

Say hi!

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