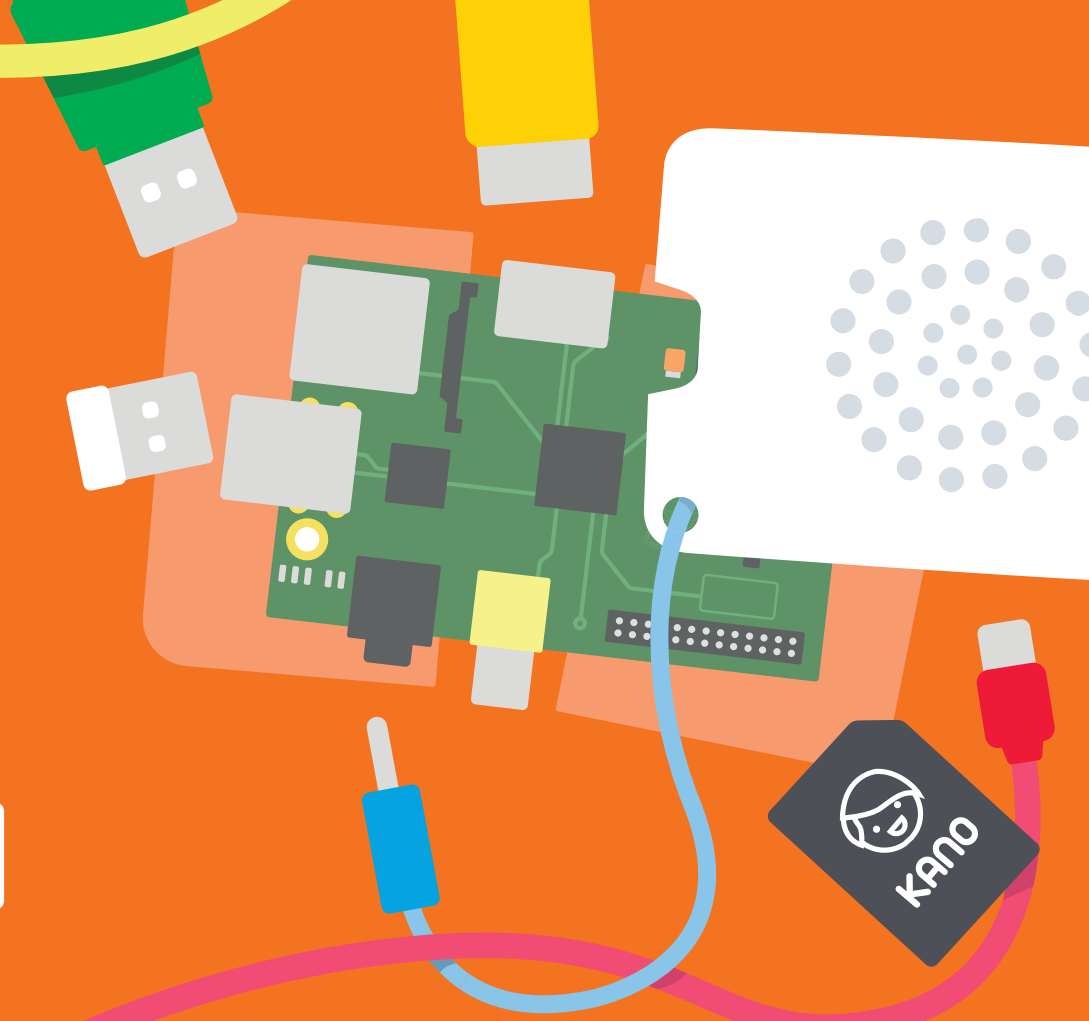
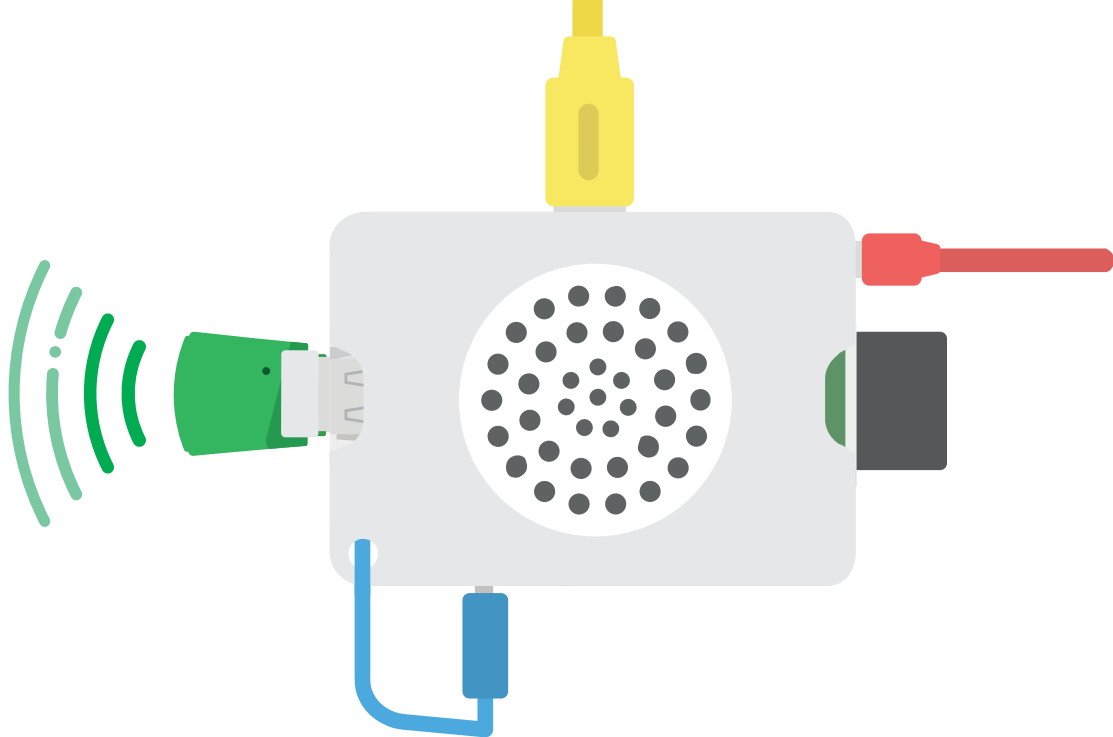


BOOK 1

1

make a computer





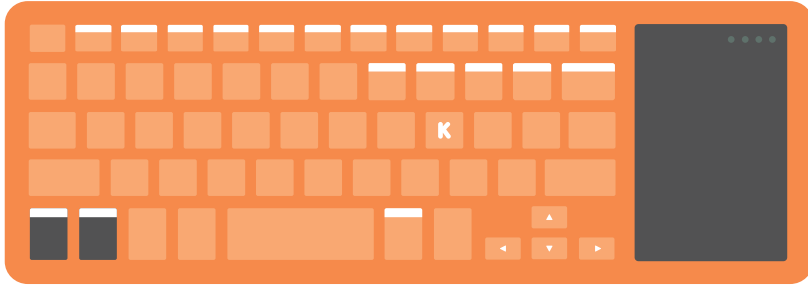
_____ 's Kano

YOUR NAME

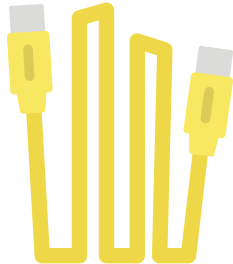


Hey! I'm Judoka, your Kano companion. Ready to go?
Take out the pieces!

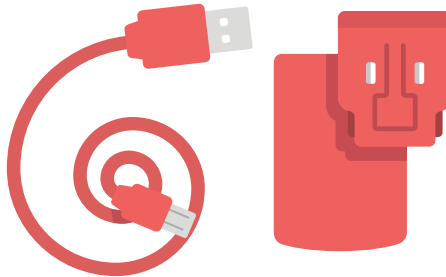
Keyboard wireless/bluetooth



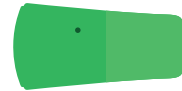
HDMI cable



Power plug and cable



Kano OS SD Card

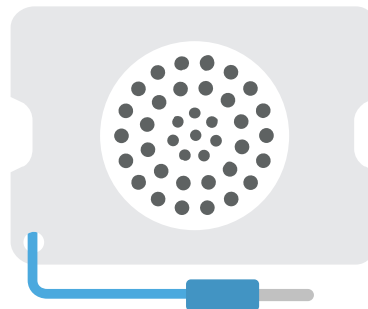


WiFi USB Dongle

Case cards orange and transparent



DIY Speaker



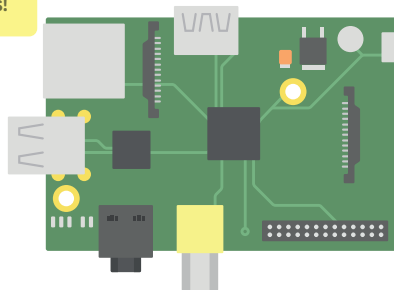
Custom Case



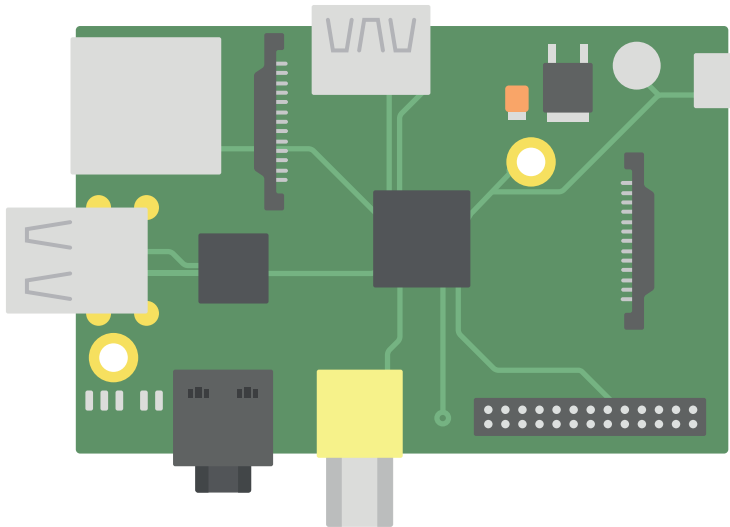
Start with this!



Raspberry Pi Model B

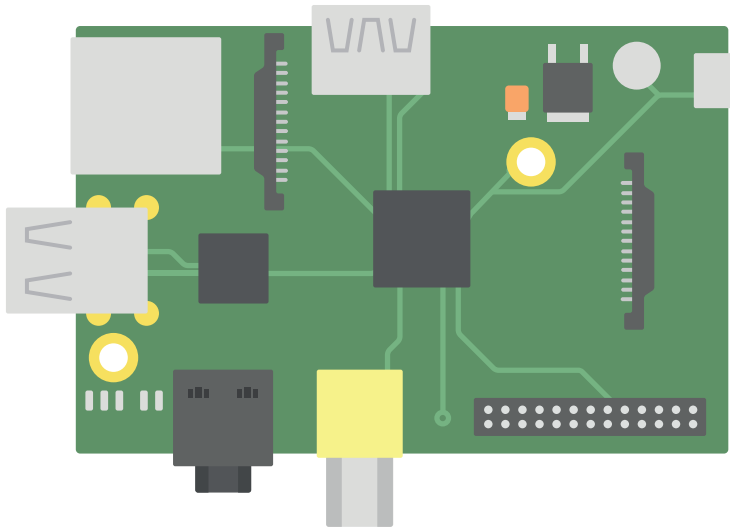


This is your computer's brain



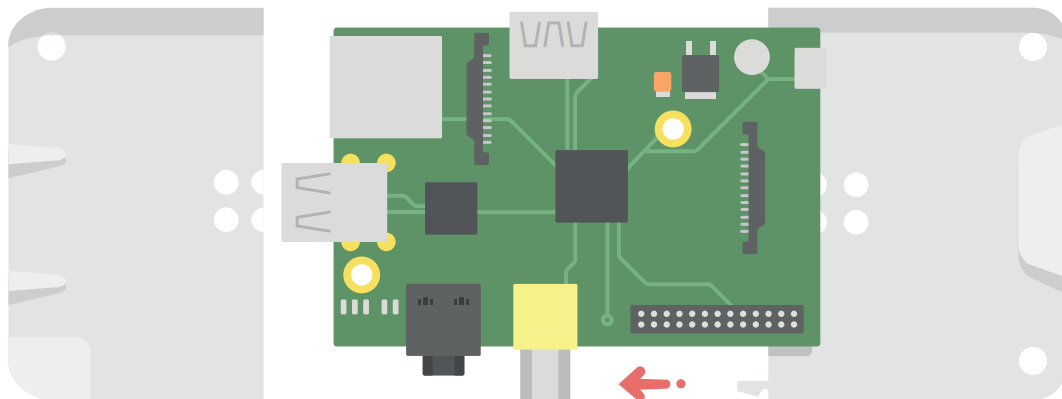
It's tiny, but powerful

To keep it strong and safe,



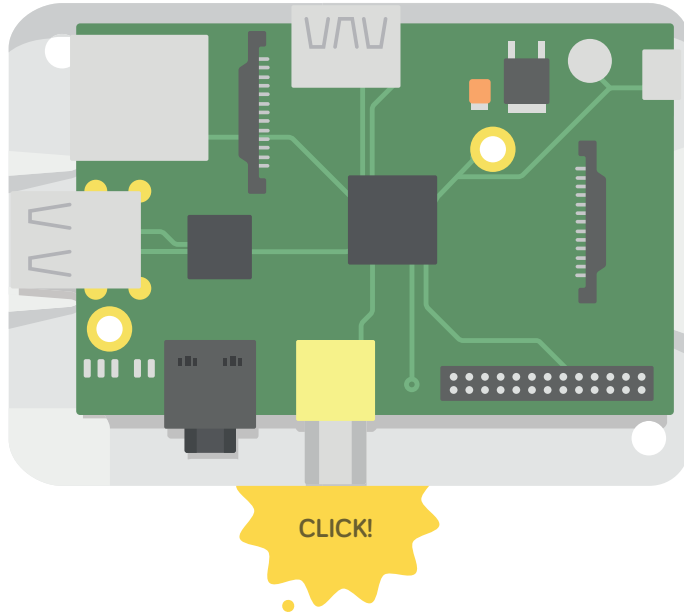
let's make a case

Grab the sides...

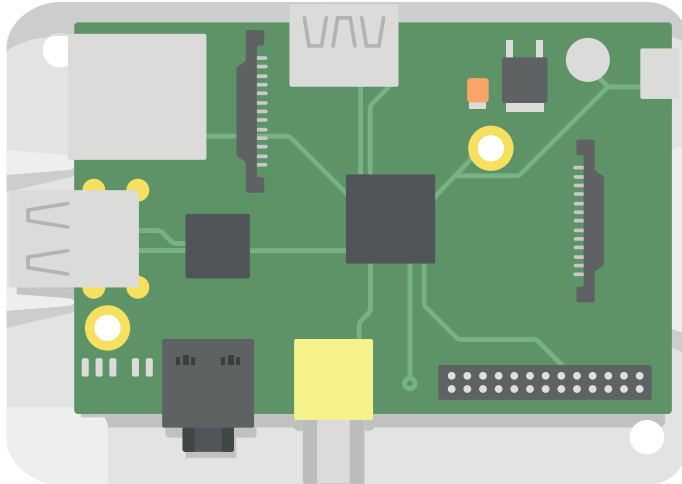


...and line them up

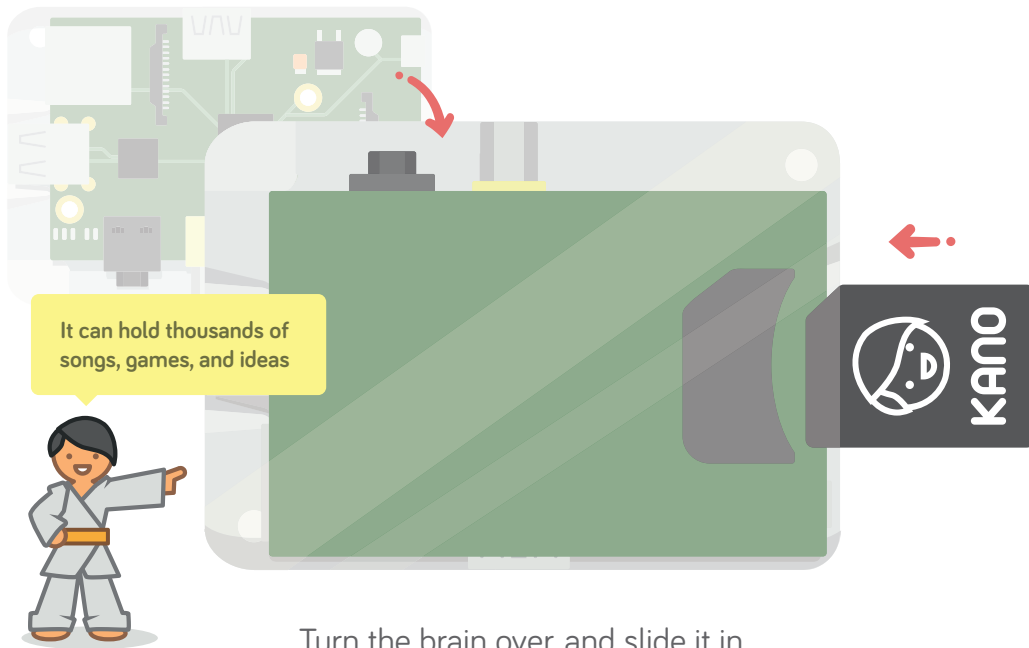
Slide them together



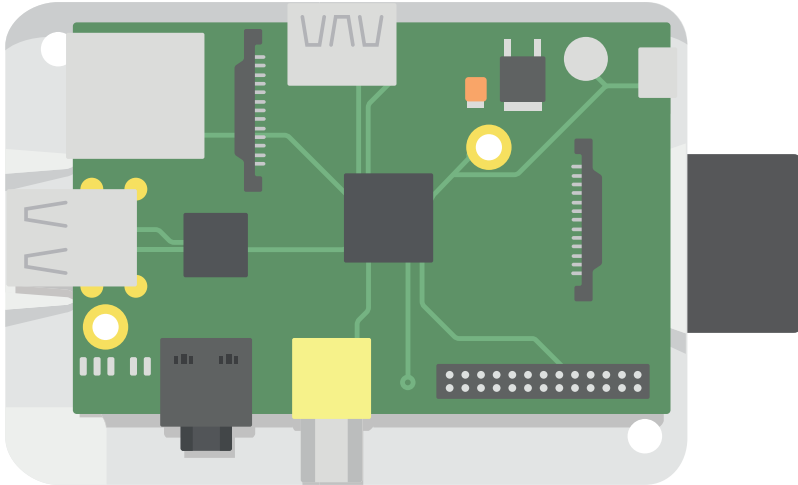
Now let's give the brain new powers



Grab the memory card

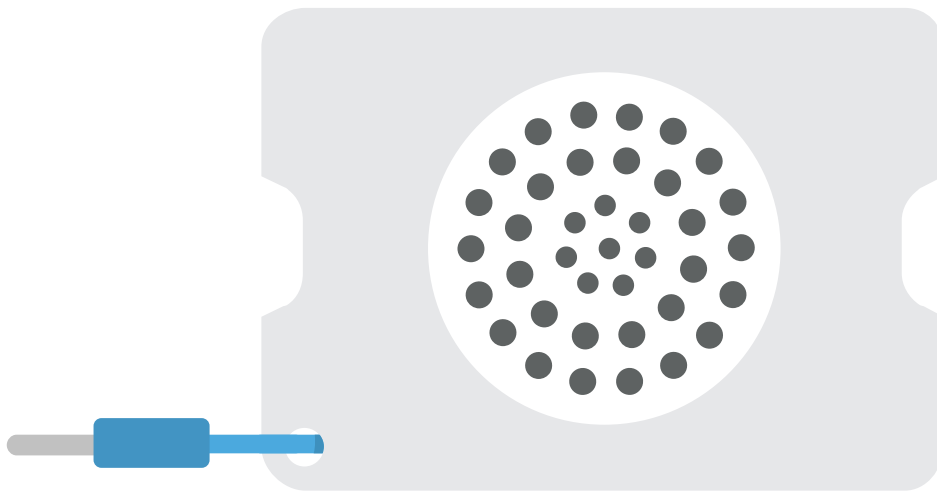


Awesome!



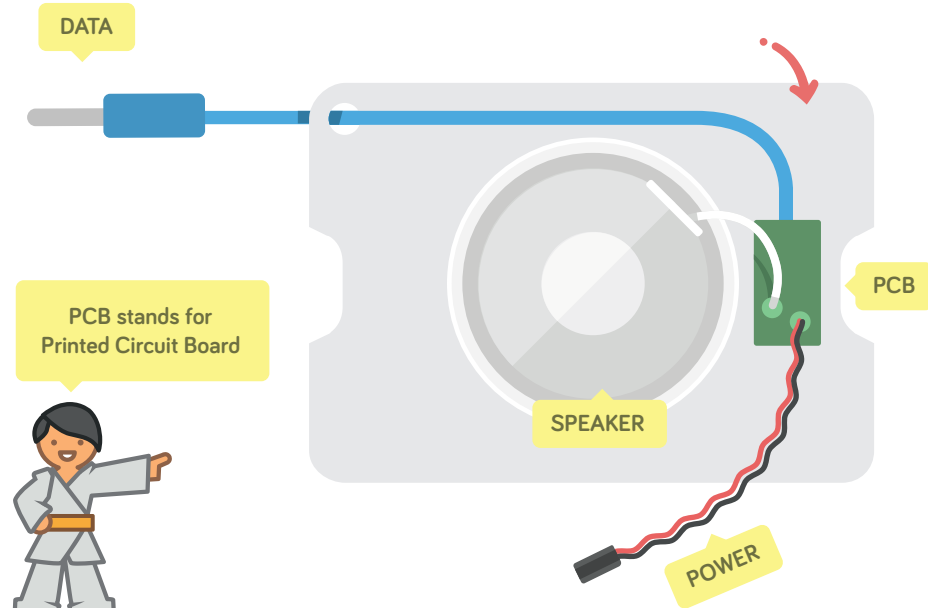
Now you have a brain with armor and memory

Let's give it a voice



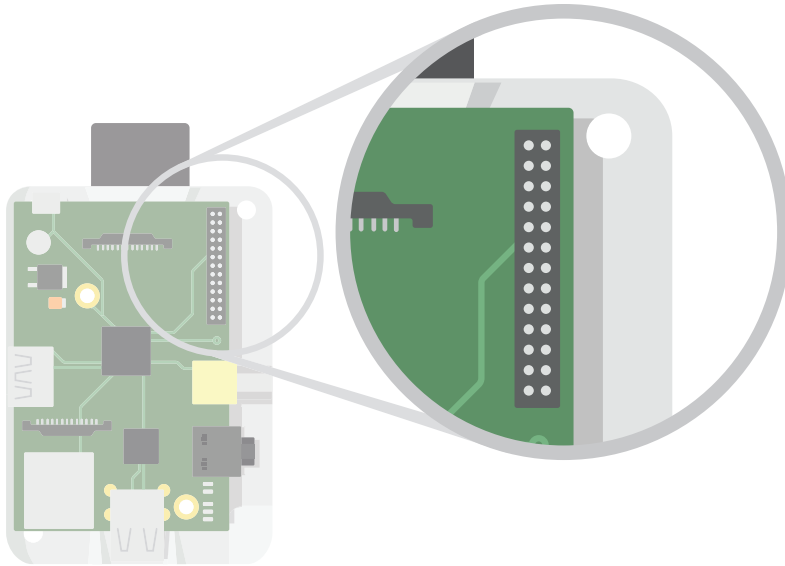
Pick up the speaker

Flip it over



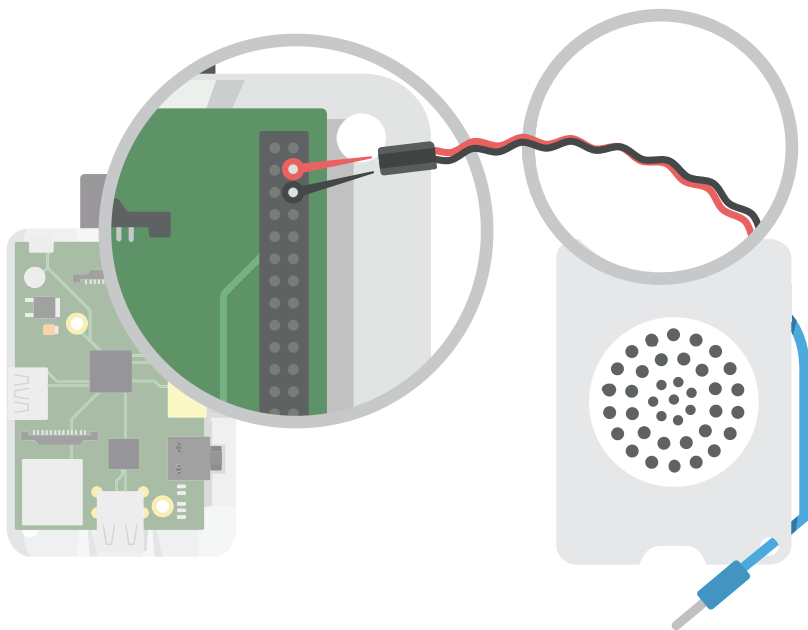
These parts work together to sing songs

Your computer can turn electricity into sound!



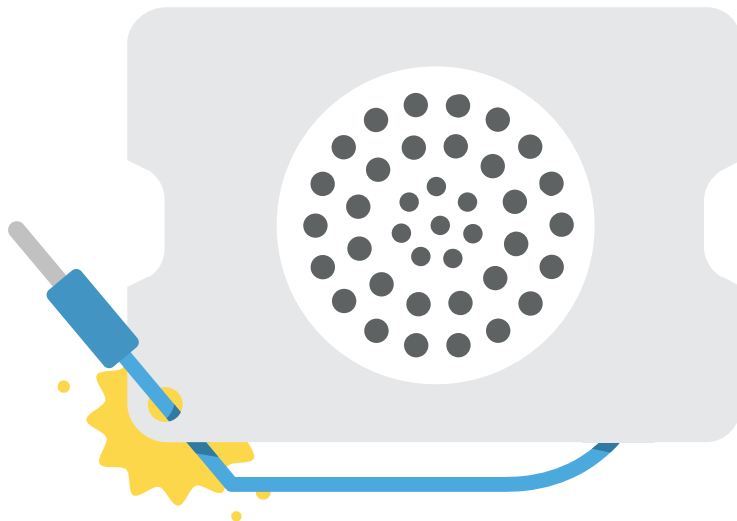
Let's borrow electrical power from these pins

Make sure you connect it like this

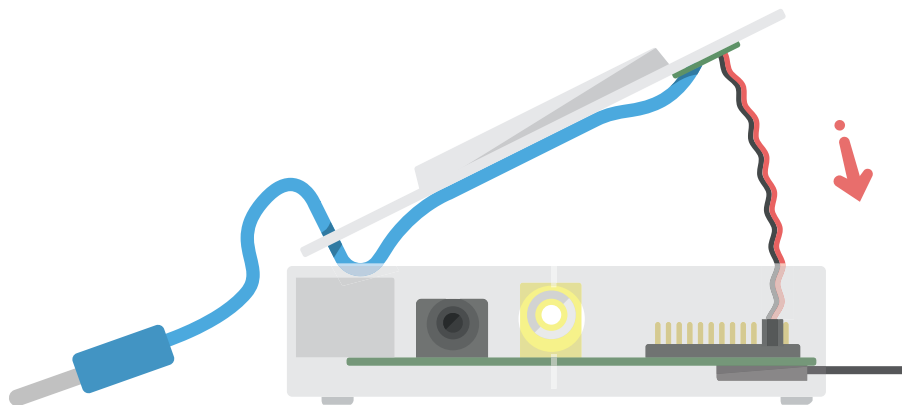


Choose the pins carefully!

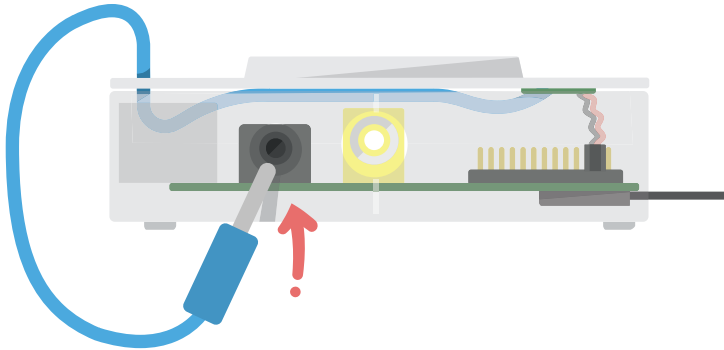
Put the blue cable through the hole



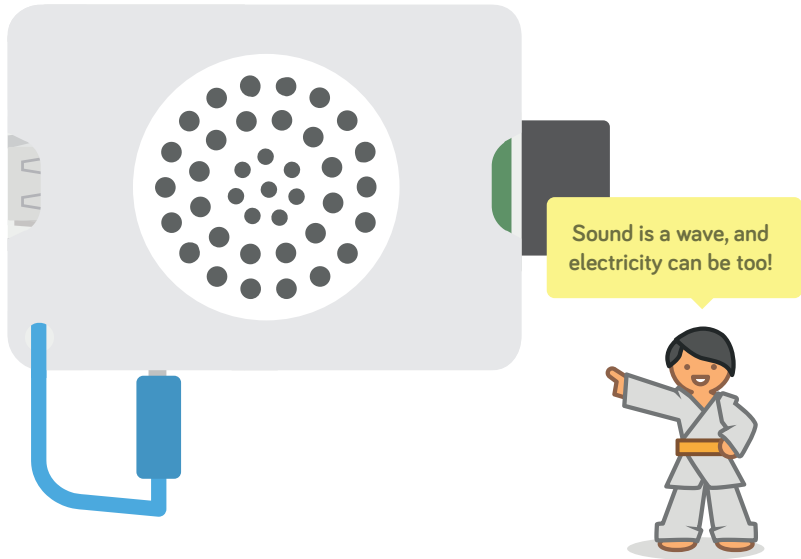
Now clip the speaker to the case



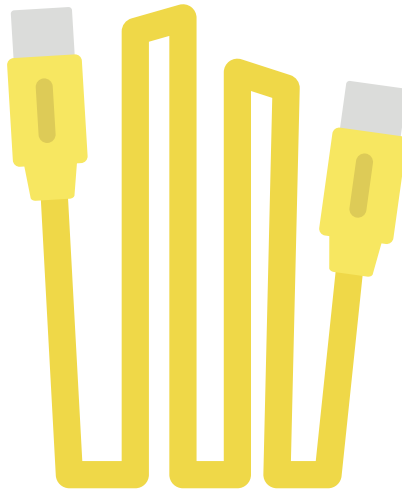
Plug in the blue cable



Amazing! A cool computer that can rock out



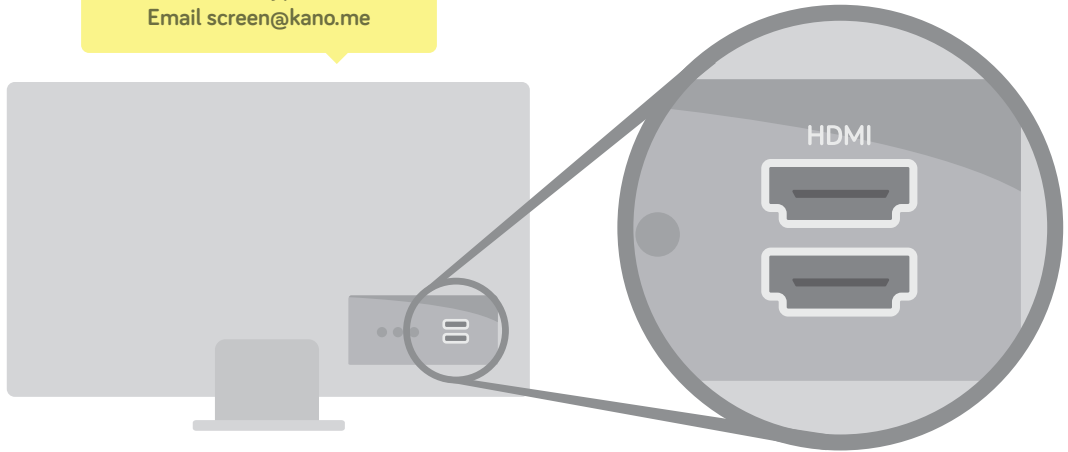
Let's connect a screen



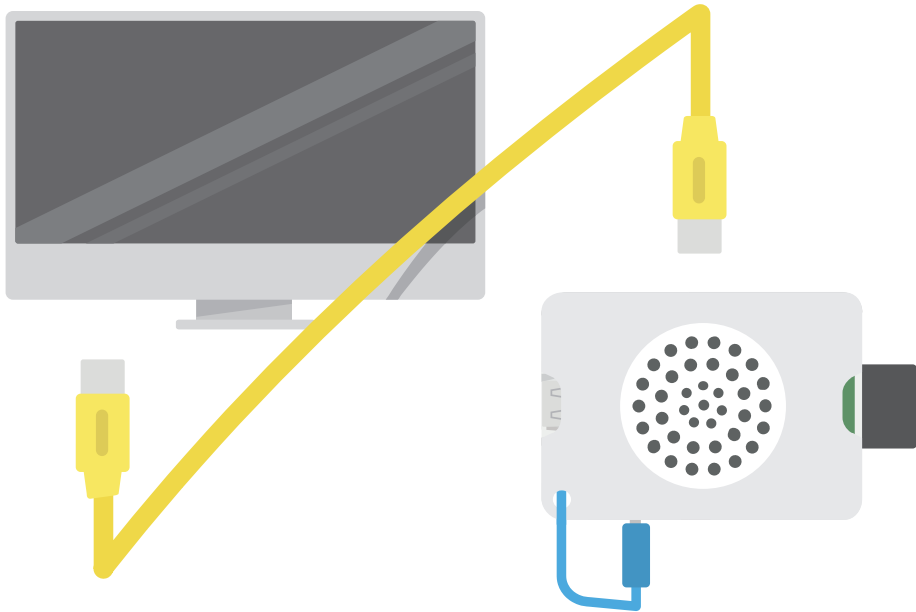
Grab the yellow HDMI cable

Find a display or TV with this kind of plug

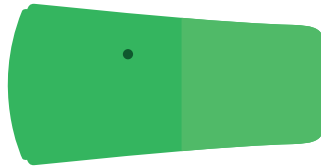
Have a different type of screen?
Email screen@kano.me



Connect them



Now let's add WiFi

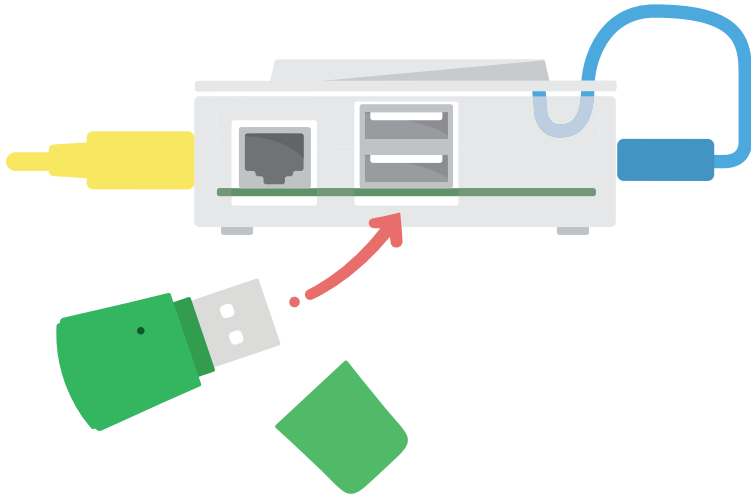


A WiFi antenna
in a USB!

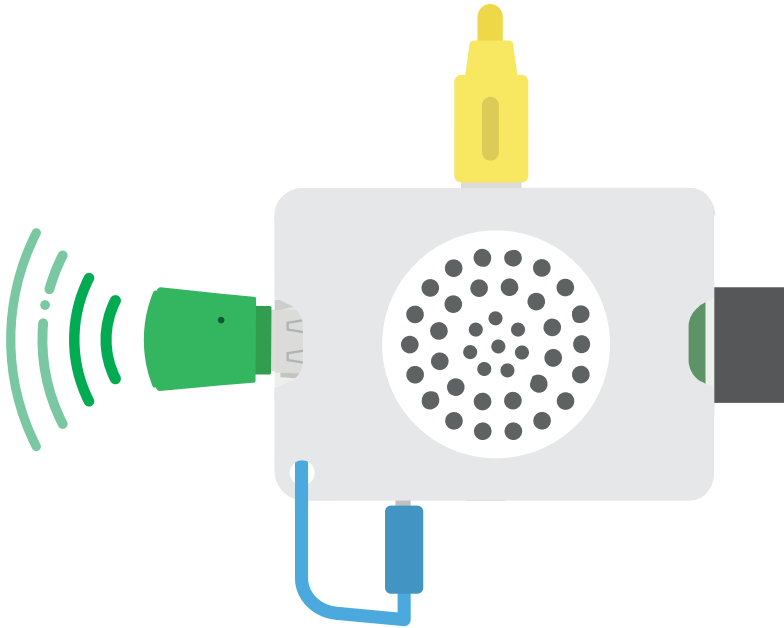


Grab the green dongle

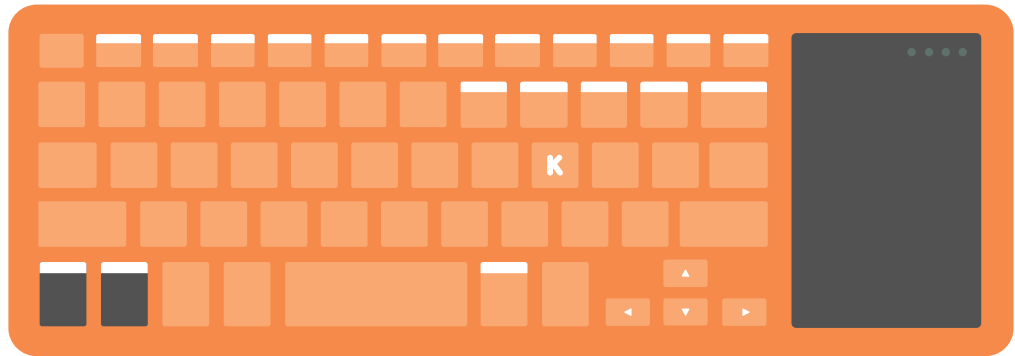
Plug the dongle into the USB



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

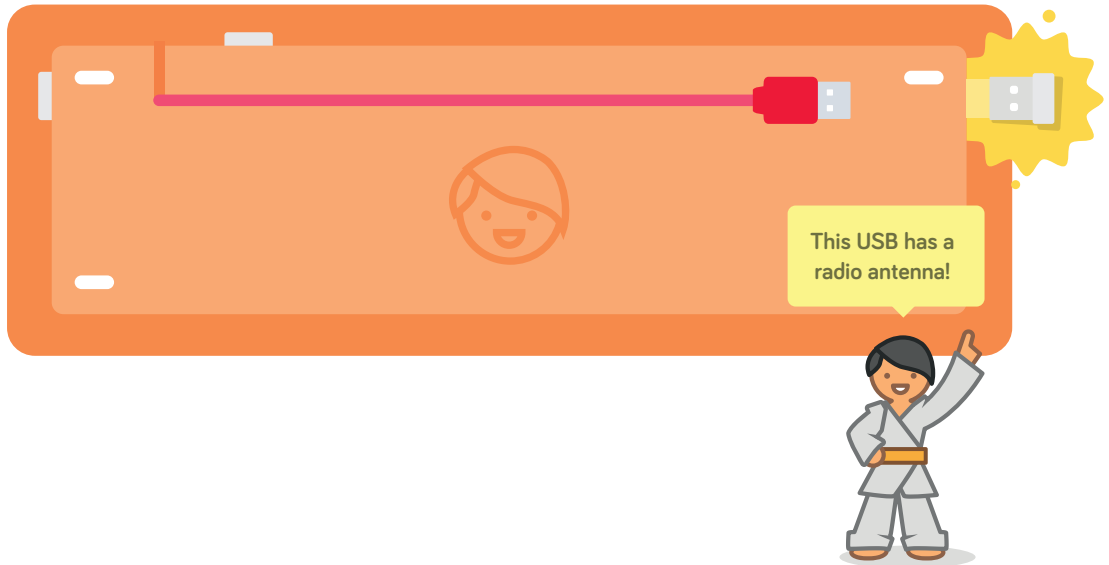


Now your computer can talk, display, and connect

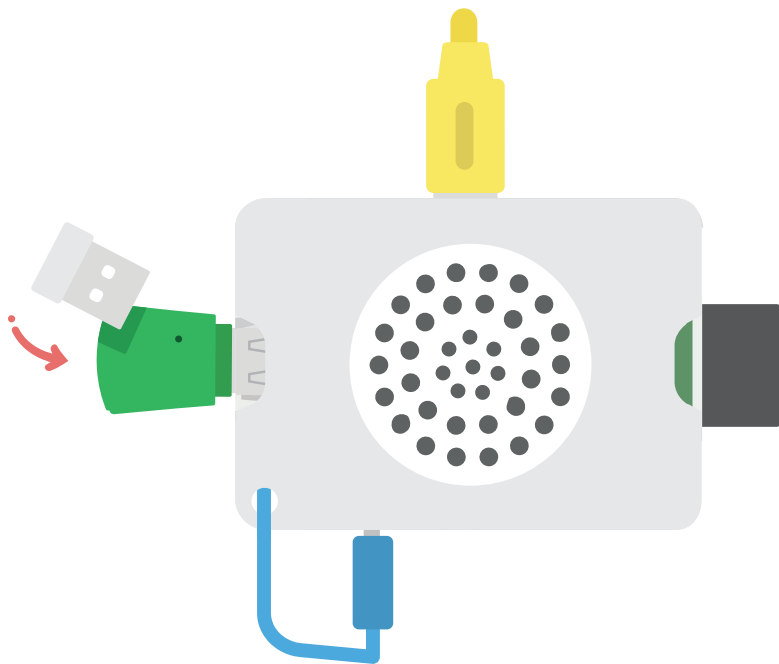


Let's give it some new ideas. Grab your keyboard!

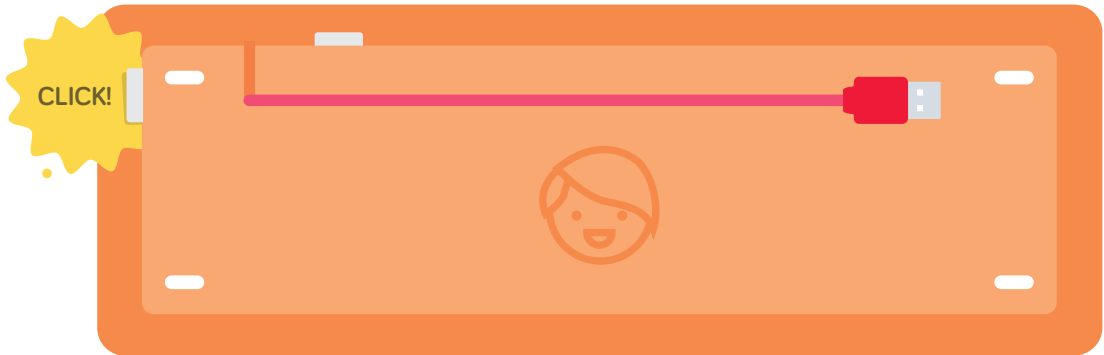
Pick it up, flip it around, and take out the white piece



Plug the piece into your computer

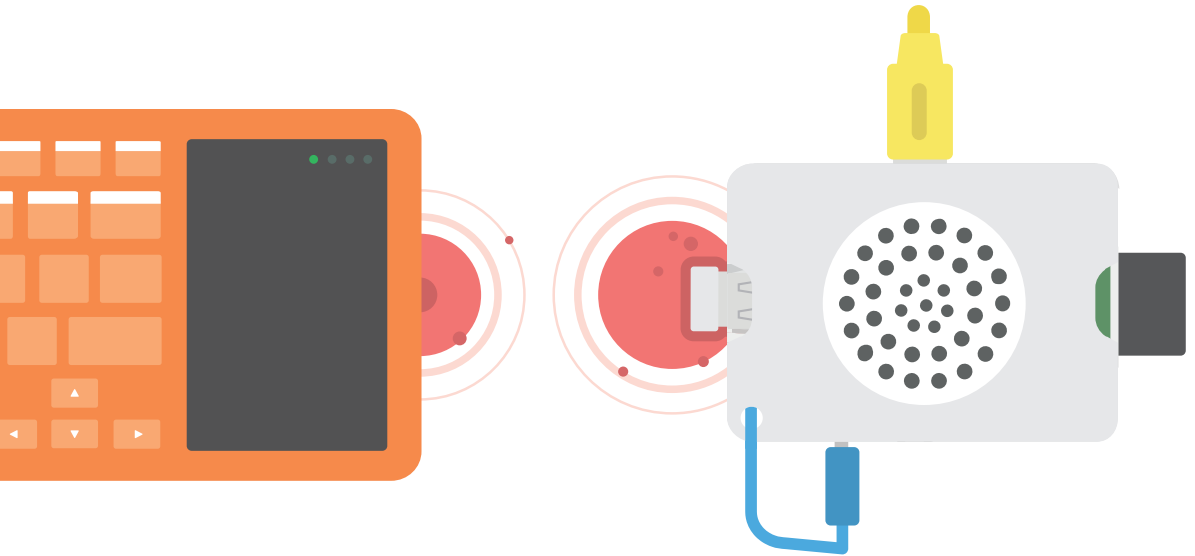


Press the power button



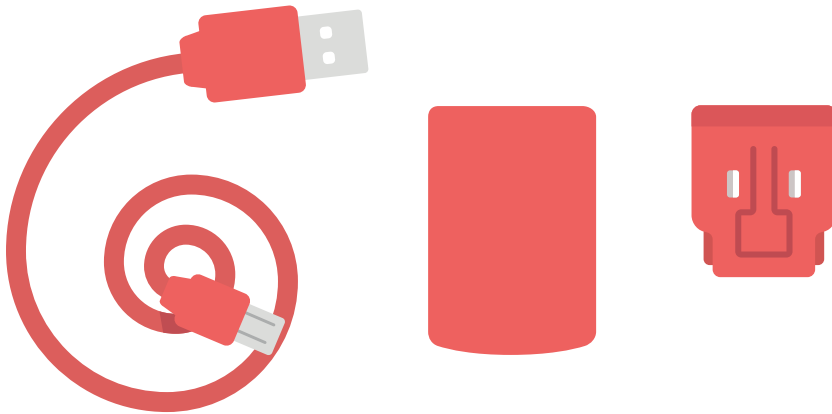
Don't use the red wire yet – that's for charging

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



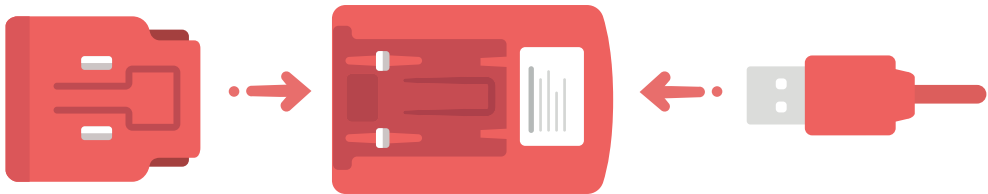
But first...

We need to bring it to life!



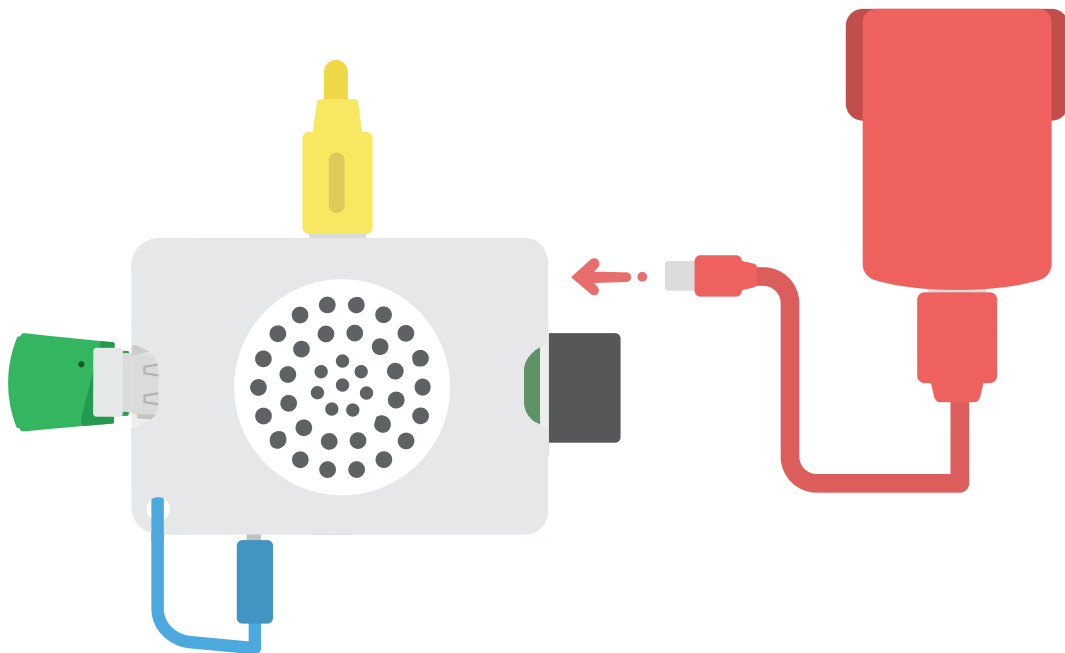
Grab the power pieces

Start by sliding the plug pieces together

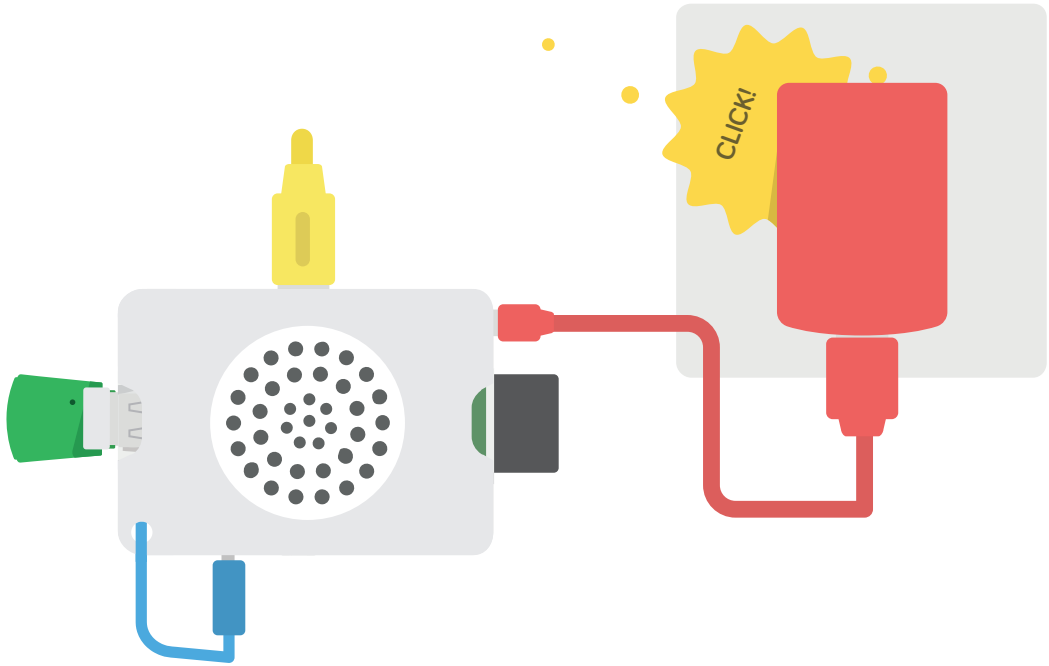


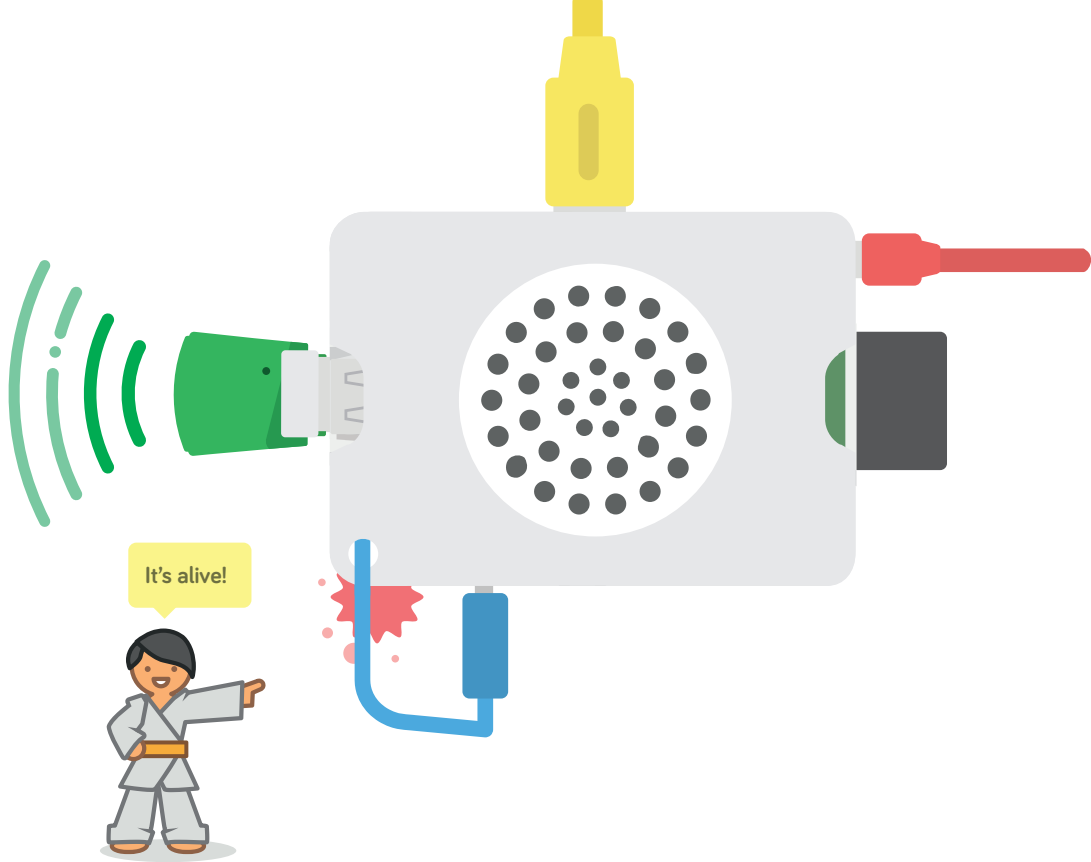
Then connect the big end of the red cable to the bottom

Now grab the small end and connect it to your computer



Put the power plug into a wall socket



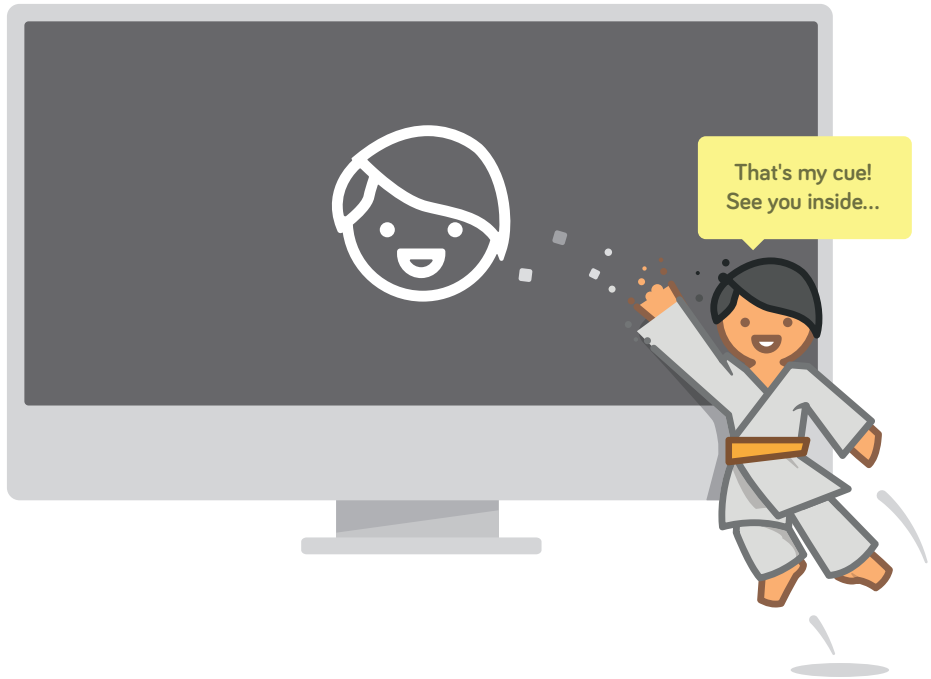


And look at your screen, your computer is thinking!

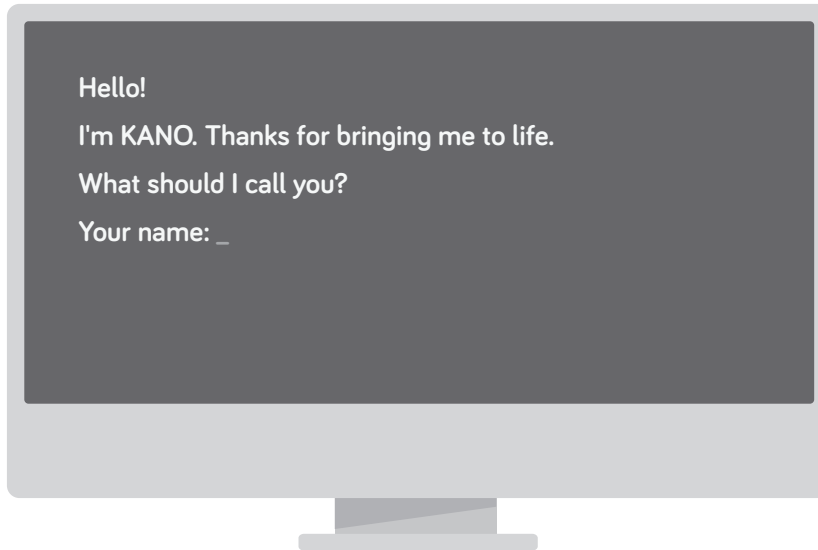


With code...

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



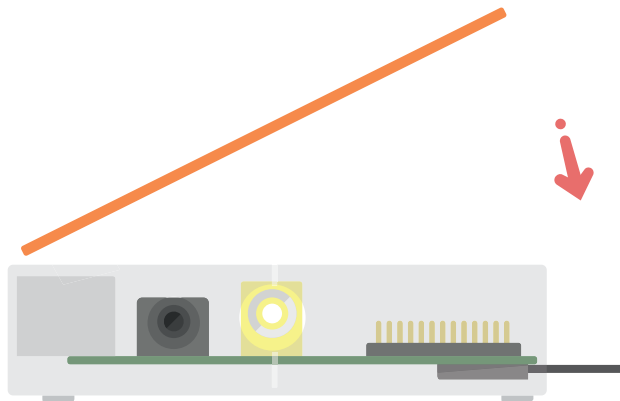
Pick up Book 2 to get started

Oh, by the way – you can customize your computer

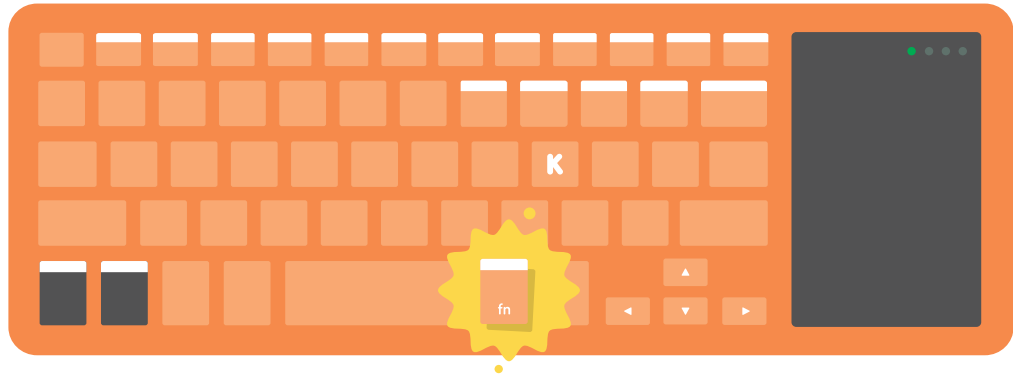


Choose your favorite case card...

And clip it in



Your keyboard has hidden powers

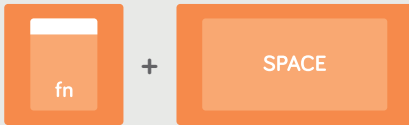


Activate the white functions by holding [FN]

Try these combinations



Launch Kano Help
If you run into problems

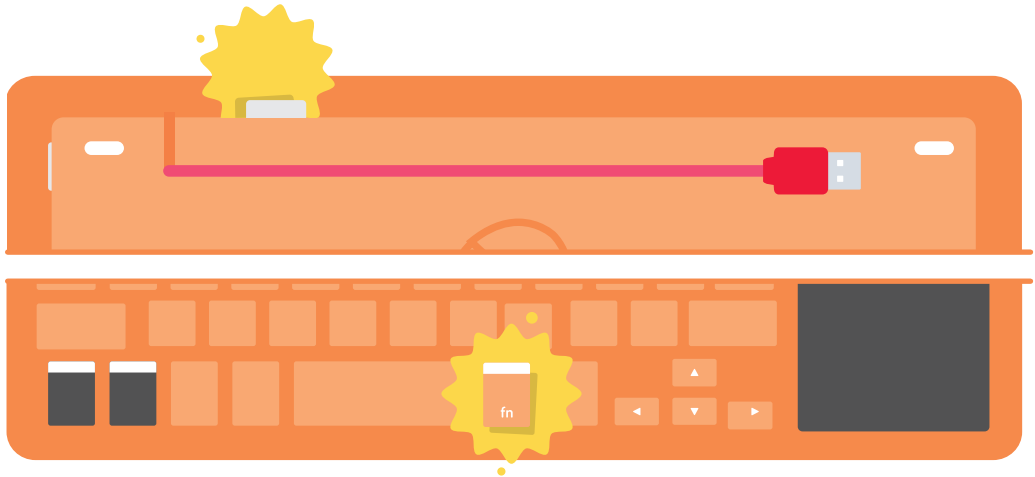


Change mouse speed
Medium or fast



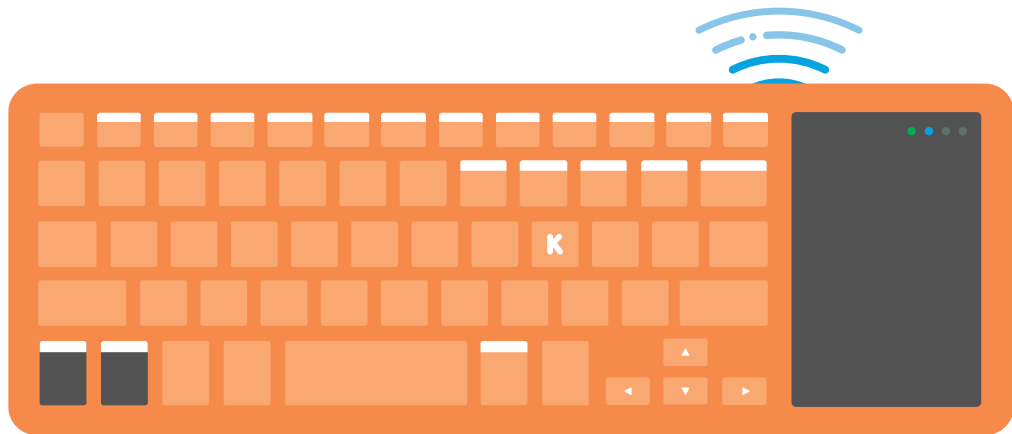
Toggle tap-to-click
Activate tapping on the trackpad

Your keyboard can connect to anything that has Bluetooth!



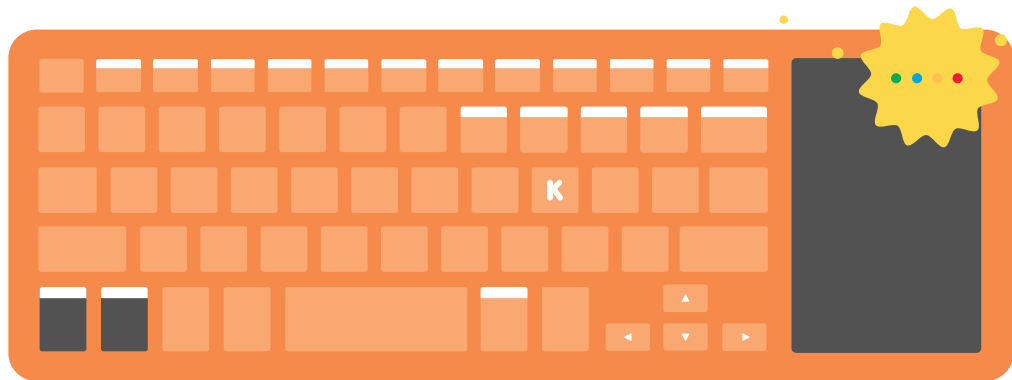
Press FN and Bluetooth button to enter pair mode

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

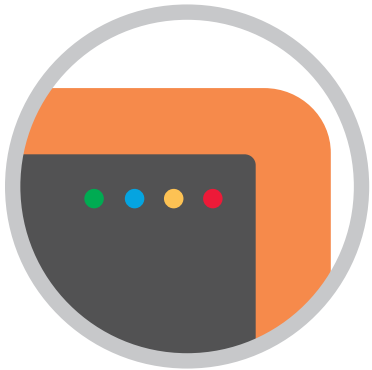


Done!

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

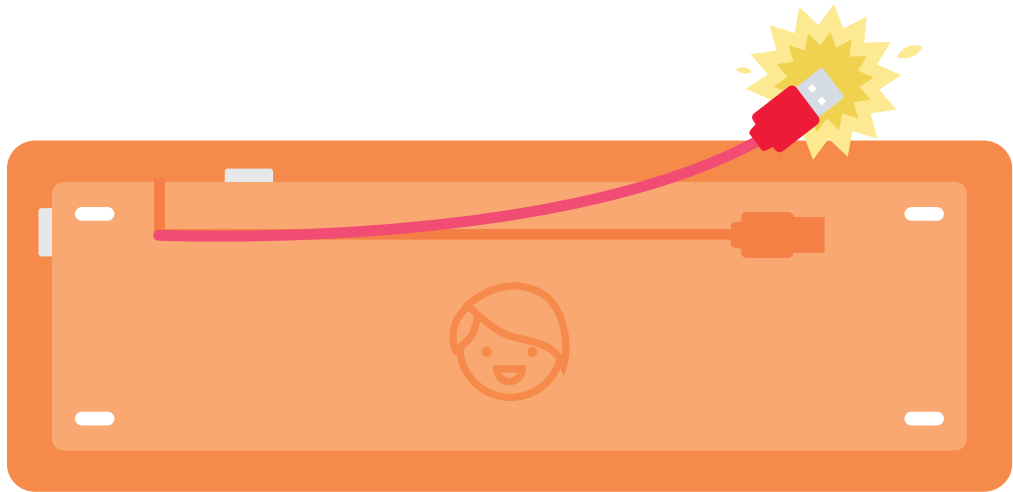


Green, blue, orange, and red mean different things



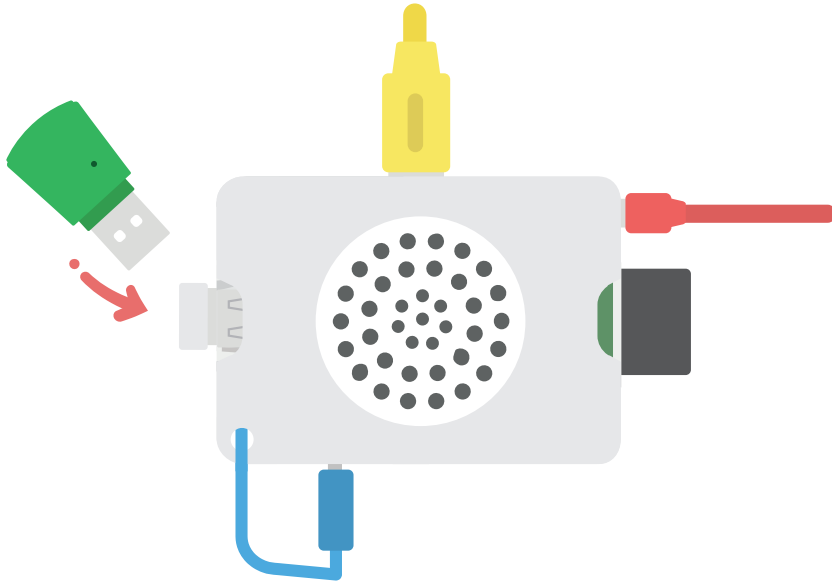
- **Green** - Successful radio connection
- **Slow flashes** - Turned on, but not connected
- **Fast flashes** - Low on power, time to charge!
- **Blue** - Bluetooth connected
- **Orange** - Caps lock status
- **Red** - Charging

The keyboard needs to be charged from time to time



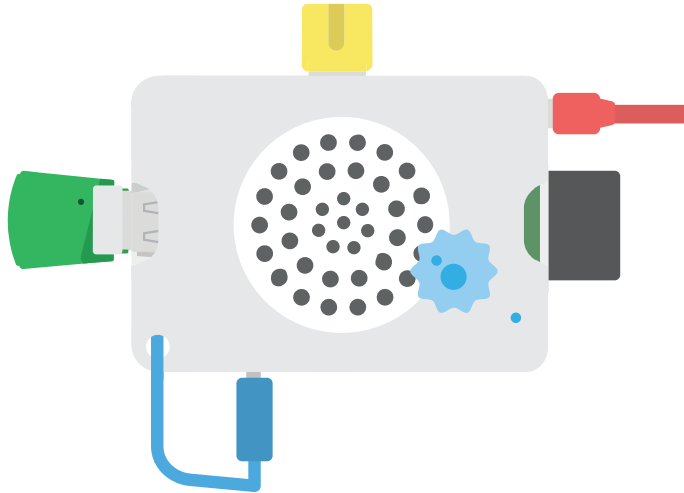
To do so, plug the red cable into the power plug, or to your computer

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



Your computer will restart

Can't hear? Check the power leads



If they're connected, and the computer is on,
the speaker's blue light should shine

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!

EXTRAS

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