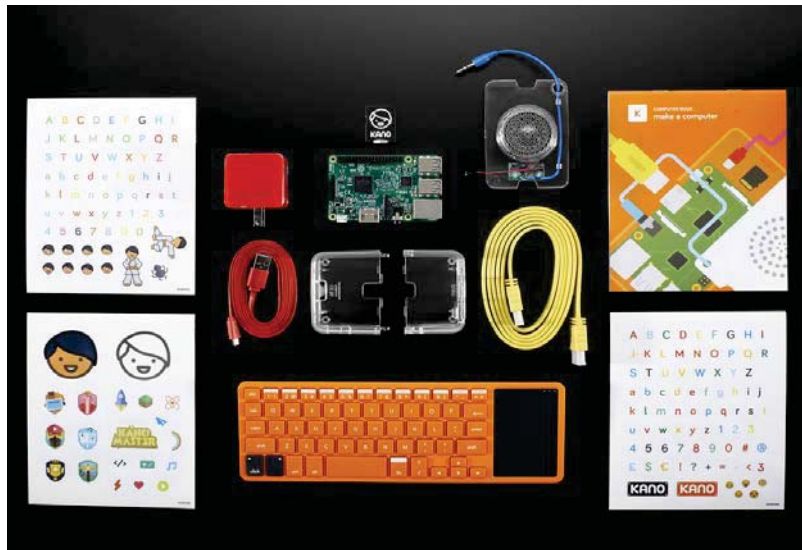# Kano Computer Kit with Raspberry Pi 3

PRODUCT ID: 3257

Description

Have you ever wanted to build your own computer but never knew where to begin? Now's your chance! With the award-winning Kano Computer Kit and simple story book you'll not only build your own powerful computer, you'll bring it to life!

With simple steps and playful projects you'll learn how to code art, music, apps, games and more. It's a fun way to make, play, and express your creativity with technology -- built and coded by *you.*

Kano's kit comes with 10 plug-and-play components including: a Raspberry Pi 3, a wireless keyboard, a DIY speaker, a custom case, power and HDMI cables, memory card, a USB power supply, an illustrated story book and 4 sheets of stickers and case cards. No prior knowledge is needed, and the Kano Book -- a step-by-step storybook -- is provided to help guide you.

The kit provides an introduction to various programming languages including Python and Javascript. Kids can learn Python through "Kano Blocks" by making Minecraft and Pong, and can dive into the world of Linux by going on a Terminal Quest and by making Snake.

Kano is being used in hundreds of schools across the US, UK, EU, Asia and even parts of Africa. Check out Kano's educator's page!

Some children between 6–8 years old may require parental supervision when reading the Kano Book and assembling the Computer Kit components. Children 8 years and older are proven to be quite self sufficient on their Kano!

Note: does not come with a screen -- get the Kano Screen Kit here.

Technical Details

Computer Board: Raspberry Pi 3

RAM: 1GB

Connectivity:

4 USB ports
802.11n Wireless LAN
Bluetooth
Ethernet Port
HDMI

Processor: 1.2GHz quad Cortex A53 – 64bit

Graphics: 400MHz VideoCore IV

Keyboard:

15m wireless Radio Frequency
10m Bluetooth operating range
40h battery life
Dimensions: 250mm x 88mm x 17mm / 9.75" x 3.45" x 0.67"
Weight: 197g / 0.434 lbs

Operating System:

Kano OS Beta 3.0 (Linux)

Stand alone app store and dozens of apps
Create using Python, Ruby, Coffeescript, Bash and more
Create up to 10 different user accounts
Compatible with HDMI Screens. May work with DVI and VGA, but will require a Pi View adapter.

Includes lifetime care via help.kano.me

Engineered in NYC Adafruit ®