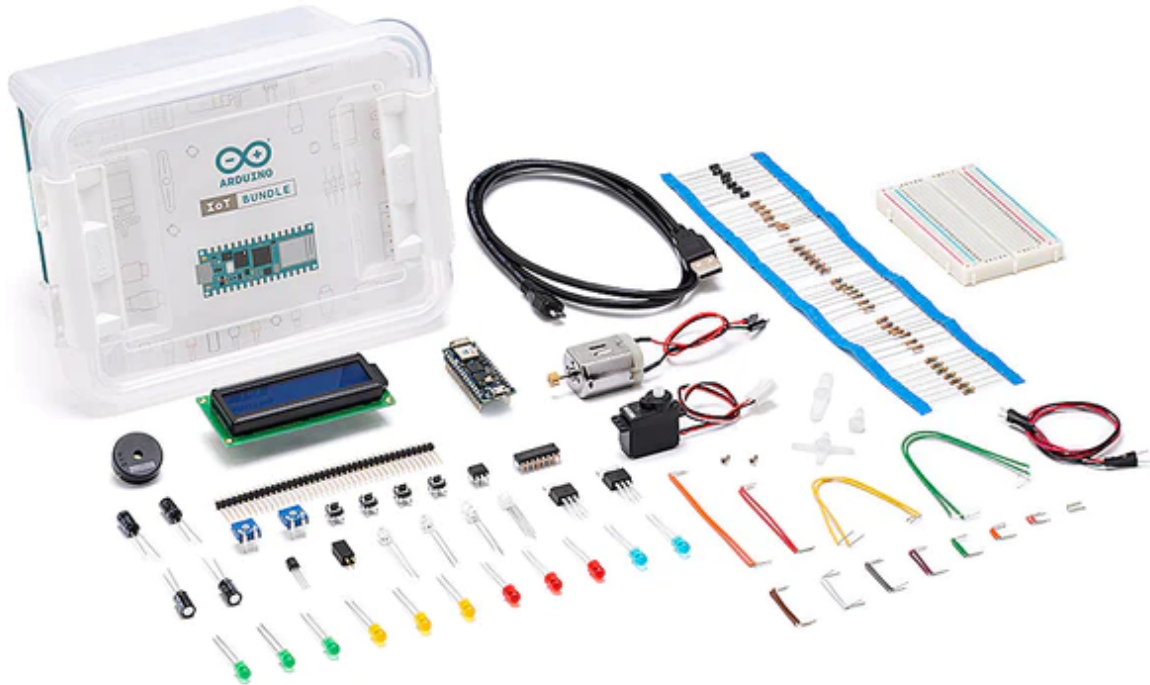# Arduino IoT Bundle

Code: AKX00042

The Arduino IoT Bundle is the best way to start exploring the world of connected devices using the Arduino Nano RP2040 Connect. Follow the 5 step by step tutorials to quickly learn how to build IoT devices.

Overview

Arduino IoT Bundle allows you to build your next smart project. Ever wanted an automated house? Or a smart garden? Well, now it's easy with the Arduino IoT Cloud compatible boards. It means: you can connect devices, visualize data, control and share your projects from anywhere in the world. Whether you're a beginner or a pro, we have a wide range of plans to make sure you get the features you need.

Follow the 5 step by step tutorials we have prepared for you and combining the electronic components included in the bundle, you'll quickly learn how to build devices that connect to the Arduino IoT Cloud.

The 5 step by step tutorials are:

Tech specs

Each bundle includes:

- 1 Arduino Nano RP2040 Connect
- 1 micro USB cable
- 1 400-point breadboard
- 70 solid-core jumper wires
- 2 stranded jumper wire
- 6 phototransistors
- 3 potentiometers (10k ohm)
- 10 pushbuttons
- 1 temperature sensor (TMP36)
- 1 tilt sensor
- 1 alphanumeric LCD (16 x 2 characters)
- 1 bright white
- 28 LEDs (1 RGB, 8 red, 8 green, 8 yellow, 3 blue)
- 1 small DC motor (6/9V)
- 1 small servo motor
- 1 piezo capsule (PKM17EPP-4001-B0)
- 1 H-bridge motor driver (L293D)
- 1 optocouplers (4N35)
- 2 MOSFET transistors (IRF520)
- 5 capacitors (100uF)
- 5 diodes (1N4007)
- 1 male pin strip (40 x 1)
- 20 resistors (220 ohm)
- 5 resistors (560 ohm)
- 5 resistors (1k ohm)
- 5 resistors (4.7k ohm)
- 20 resistors (10k ohm)
- 5 resistors (1M ohm)
- 5 resistors (10M ohm)