

Huzzah! Adafruit.io Internet of Things Feather ESP8266 - WiFi Starter Kit

PRODUCT ID: 2680

IN STOCK

1

ADD TO CART

- ☐ Also include 1 x [Full sized breadboard](#) ()
- ☐ Also include 1 x [Premium Male/Male Jumper Wires - 20 x 6" \(150mm\)](#) ()
- ☐ Also include 1 x [USB cable - USB A to Micro-B](#) ()
- ☐ Also include 1 x [Adafruit IO+ Subscription Pass – One Year](#) ()

1-9

10-99

100+

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DESCRIPTION

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OK you've signed up for [Adafruit.io](#) and you're ready to build something cool and Internet-connected. All you need is this starter kit which will get you going with lots of parts that go very well with our service and are the most common sensors and actuators you may want. Sense light, motion, humidity, temperature, and more, then send it for storage on [adafruit.io](#)! Light up LEDs, make noise, and move a motor when a trigger is detected.

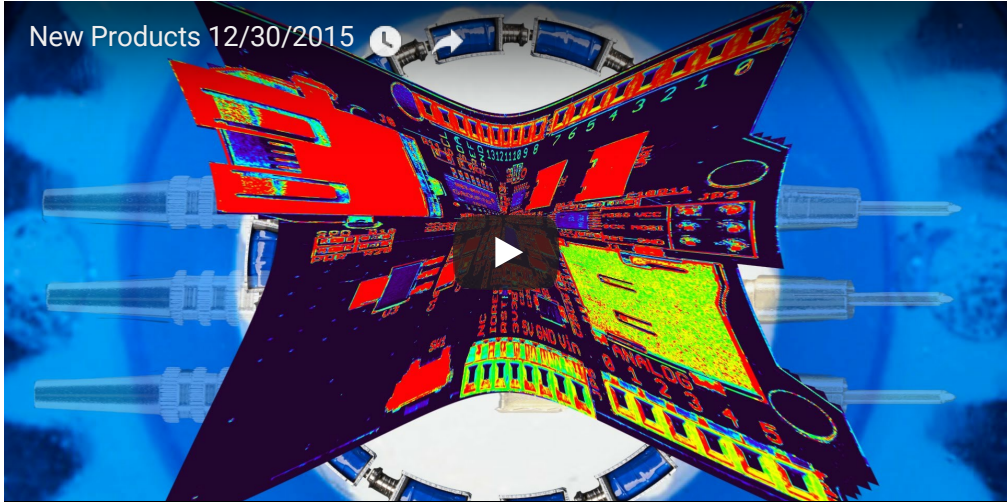
This pack is designed for people who want to use the new low-cost **Adafruit Feather HUZZAH with ESP8266 WiFi** microcontroller and are comfortable with that platform to explore IoT. A Feather HUZZAH development board is included. An Arduino or other microcontroller is not required.

This pack **DOES NOT** include a standard USB micro-B cable (use any cable you have as long as its sync+charge not 'charge only'), a solderless breadboard, or a [Lipoly battery](#) (take your project on the go!) - you will need a USB cable to program and debug your HUZZAH & either USB or a Lipoly battery to power the Feather HUZZAH. You may [also want a full size breadboard](#) and [some prototyping wires](#). Some soldering is required to assemble the Feather HUZZAH ESP8266 and HDC1008 sensor.

This pack includes:

- [Adafruit Feather HUZZAH with ESP8266 WiFi](#)
- [Fast Vibration Sensor Switch \(Easy to trigger\)](#)
- [As of February 5th, 2016 this kit now includes a DHT22 temperature Sensor.](#)

- [Magnetic contact switch \(door sensor\)](#)
- [Micro servo](#)
- [Huzzah Starter Pack Component Bag](#)
 - 1x [Breadboard-friendly SPDT Slide Switch](#)
 - 1x [Diffused RGB \(tri-color\) LED](#)
 - 1x [Piezo Buzzer](#)
 - 1x [Photo cell light sensor](#)
 - 3x [12mm Tactile Switches](#)
 - 1x [Diffused 10mm Red LED](#)
 - 1x [Diffused 10mm Green LED](#)
 - 1x [10K Trim Potentiometer](#)
 - 5x 10K 5% 1/4W [resistors](#)
 - 5x 560 ohm 5% 1/4W [resistors](#)



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[Adafruit IO](#)
The Internet of Things for Everyone



[Adafruit IO Basics: Color](#)
Add a splash of color to your Adafruit IO project.



[Adafruit IO Connected Animated GIF Display](#)
Push Animated GIFs to your Adafruit IO Connected Raspberry Pi



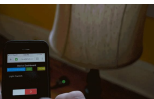
[Adafruit IO Basics: Temperature & Humidity](#)
Monitor temperature & humidity from anywhere!



[Adafruit IO Basics: Digital Input](#)
Reach out and touch Adafruit IO!



[Adafruit IO Basics: Servo](#)
Move physical objects with the power of Adafruit IO!



[Adafruit IO Basics: Digital Output](#)
Turn on a LED or lamp from anywhere!



[Adafruit IO Basics: Analog Input](#)

Send real time analog sensor data to Adafruit IO!

Adafruit IO Basics: Feeds

Feed your data to Adafruit IO

Adafruit IO Basics: Dashboards

Monitor and control your projects using Adafruit IO dashboards.

Adafruit HUZZAH ESP8266 breakout

Adorable bite-sized WiFi microcontroller, at a price you like!

A Sillier Mousetrap: Logging Mouse Data to Adafruit IO with the Raspberry Pi

How to outfit a simple live trap with sensors and data-logging, and quantify the vermin in your life.

Adafruit IO Basics: Analog Output

Control LED brightness from Adafruit IO!

Home Automation in the Cloud with the ESP8266 & Adafruit IO

Build a simple home automation system & control it from anywhere!

Desktop MQTT Client for Adafruit.io

Interact with adafruit.io right at your computer!

Using Zapier with Adafruit IO

Connect your IO account to a wide range of services and APIs with Zapier.

MQTT, Adafruit IO & You!

Learn to love the stateful, low-bandwidth pubsub protocol.

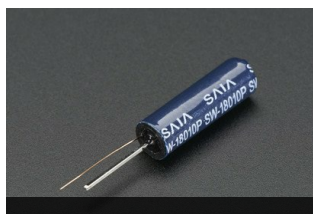
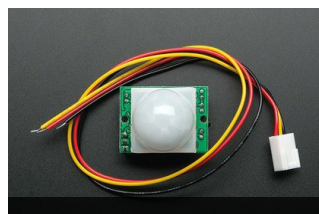
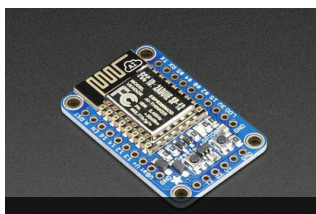
Adafruit IO Basics: ESP8266 + Arduino

Get your project online fast with ESP8266, Arduino, & Adafruit IO!

Easy Alexa (Echo) Control of your ESP8266 Huzzah

"Alexa, do something cool with my Feather!"

MAY WE ALSO SUGGEST...

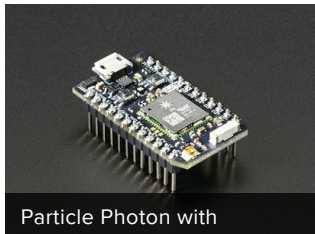




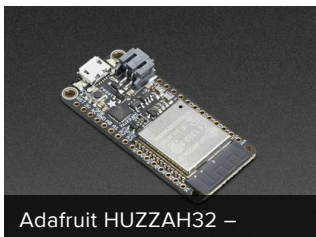
Magnetic contact switch



Micro servo



Particle Photon with



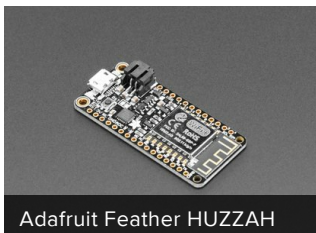
Adafruit HUZZAH32 –



Python for Microcontrollers:



Microsoft Azure IoT Starter



Adafruit Feather HUZZAH



Adafruit IO+ Subscription



Microsoft IoT Pack for

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"Science, my lad, is made up of mistakes, but they are mistakes which it is useful to make, because they lead little by little to the truth" -
Jules Verne



4.9 ★★★★★
Google
Customer Reviews