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Microsoft Azure IoT Starter Kit w/ Adafruit Feather HUZZAH

PRODUCT ID: 3032

43 IN STOCK

| 1 | ADD TO CART |

☐ **Also include 1 x Lithium Ion Polymer Battery - 3.7v 500mAh ()**

1-9
10-99
100+

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DESCRIPTION

TECHNICAL DETAILS

DESCRIPTION

In collaboration with Microsoft, Adafruit's releasing IoT Starter Kits with boards, sensors, and components that are 'Azure Certified for IoT.'

Azure is Microsoft's cloud solution for IoT projects that's a comprehensive and flexible program from the Microsoft team that they're extending into the open source hardware world. This starter kit includes a pre-soldered Adafruit Feather HUZZAH with ESP8266 WiFi and some sensors and components to get you started on your IoT journey.

Feather is a development board from Adafruit that, like its namesake, is thin, light and lets you fly. We designed Feather to be a new standard for portable microcontroller cores.

This starter kit contains the Adafruit Feather HUZZAH ESP8266 - our take on an 'all-in-one' ESP8266 WiFi development board with built in USB and battery charging. Its an ESP8266 WiFi module with all the extras you need, ready to rock!

At the Feather HUZZAH's heart is an ESP8266 WiFi microcontroller clocked at 80 MHz and at 3.3V logic. This microcontroller contains a Tensilica chip core as well as a full WiFi stack. You can program the microcontroller using the Arduino IDE for an easy-to-run Internet of Things core.

ode at a blistering 921600 baud for fast

development time. It also has auto-reset so no noodling with pins and reset button pressings.

For more information on how to set up your Feather HUZZAH, check out our learn guide.

And for more information on how to run Azure, check out the Microsoft Azure site!

You can also DIY your own t-shirt - as seen in the Microsoft /Build Keynote with our flexible matrix!

This kit includes:

- 1x Assembled Adafruit Feather HUZZAH ESP8266 WiFi
- 1x Micro Servo
- 1x PIR (motion) Sensor
- 1x USB Cable - A/Micro B
- 1x Fast Vibration Switch
- 1x Magnetic Contact Switch (door sensor)
- 1x Half-sized Breadboard
- 1x Premium Male/Male Jumper Wires - 40 x 6"
- 1x DHT22 Temperature-humidity Sensor + Extras

Component bag containing:

- 3x 12mm Tactile Switches
- 1x Breadboard Trim Potentiometer 10K
- 1x Diffused 10mm Green LED
- 1x Diffused 10mm Red LED
- 5x 10K 5% 1/4W Resistor
- 5x 560 Ohm 5% 1/4W Resistor
- 1x Piezo Buzzer
- 1x Photo Cell Light Sensor
- 1x Diffused RGB (tri-color) LED
- 1x Breadboard-friendly SPDT Slide Switch

TECHNICAL DETAILS

Revision History:

- **As of April 18th, 2016** this product is no longer shipping with a Lithium Ion Battery. You can add one to this product separately.

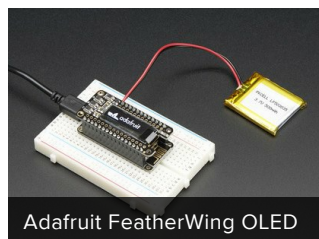## MAY WE ALSO SUGGEST...

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Microsoft Azure IoT Starter

Adafruit HUZZAH ESP8266

Microsoft IoT Pack for

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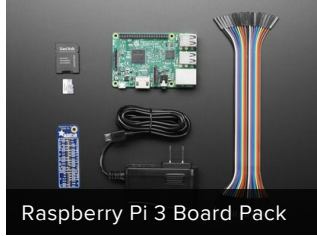

Microsoft IoT Pack for

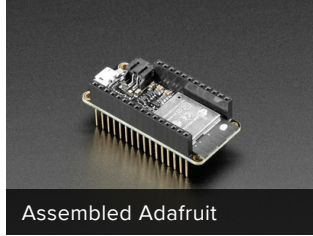Huzzah! Adafruit.io Internet

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"The most dangerous phrase in the language is, We've always done it this way" - Grace Hopper

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4.9 ★★★★★
Google
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