# sparkfun

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**Export Restrictions**

This product has some level of export control/restriction, so may be delayed by 2-3 business days when shipping outside the United States. Contact us with questions, or we will contact you after you place your order.

## SparkFun Inventor's Kit for Intel® Edison
KIT-13742 ROHS✔ ✿



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**Description:** The SparkFun Inventor's Kit for Intel® Edison, otherwise known as the Edison SIK, introduces the Edison as a powerful Internet of Things (IoT) platform. The Edison SIK includes everything you need to complete 12 circuits that will teach you how to program the Intel® Edison using JavaScript and controlling various electronics. Whether you are new to electronics and JavaScript or are looking to take your skills to the next level, this kit is a great starting point.

The Intel® Edison is an ultra small computing platform that will change the way you look at embedded electronics. Each Edison is packed with a huge amount of tech goodies into a tiny package while still providing the same robust strength of your go-to single board computer. Powered by the Intel® Atom™ SoC dual-core CPU and including an integrated WiFi, Bluetooth LE, and a 70-pin connector to attach a veritable slew of shield-like "Blocks" which can be stacked on top of each other. It's no wonder how this little guy is lowering the barrier of entry on the world of electronics!

The on-line Edison SIK Experiment Guide (in the *Documents* section below) contains step by step instructions of how to connect each circuit with the included parts. Full example code is provided and explained and even includes fritzing diagrams and the required components.

The kit does not require any soldering and is recommended for anyone with an interest in Internet of Things projects or the Intel® Edison in general.

**Note:** This product is available for pre-order. We expect to have these built and shipping by February. Adding a pre-order product to an order may cause a delay. Be sure to uncheck 'ship complete order' in your cart to avoid delays in shipping in-stock items.

**Circuit Examples:**

- Circuit 1: Hello, World!
- Circuit 2: Pushing Some Buttons
- Circuit 3: Blinky
- Circuit 4: Email Notifier
- Circuit 5: Web Page
- Circuit 6: RGB LED Phone App
- Circuit 7: Speaker
- Circuit 8: Temperature and Light Logger
- Circuit 9: Weather on an LCD
- Circuit 10: Keyboard
- Circuit 11: Phone Accelerometer
- Circuit 12: Bluetooth Game Controller

**Kit Includes:**

- 1x Intel® Edison
- 1x SparkFun Block for Intel® Edison - Base
- 1x SparkFun Block for Intel® Edison - GPIO
- 1x SparkFun Block for Intel® Edison - ADC
- 1x Basic 16x2 Character LCD - White on Black 3.3V
- 1x Mini Photocell
- 1x Temperature Sensor - TMP36
- 1x LED - RGB Diffused Common Anode
- 20x 330 Ω Resistors
- 20x 10k Ω Resistors
- 3x 2N3904 NPN Transistors
- 1x Piezo Speaker
- 1x 10k Trimpot
- 1x USB OTG Cable
- 1x USB microB Cable
- 1x Breadboard
- 1x Intel® Edison Hardware Pack
- 30x Jumper Wires