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SparkFun Block for Intel® Edison - Base

DEV-13045 ROHS✔✱

★★★★☆ 7

Description: 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 Base Block serves as add-on for the Intel® Edison by allowing you to attach different peripherals like a key board, mouse, or thumb drive. Basically anything that can plug into a USB can now connect to your Edison! Equipped with a micro AB USB backed by USB OTG and FT231X respectively, you should have no issues attaching external hardware to your Edison.

If you are looking to add a little more stability to your Intel® Edison stack, check out this [Hardware Pack](#). It will provide you with increased mechanical strength for stacking Blocks on your Edison!



Documents:

- Schematic
- Eagle Files
- Hookup Guide
- Intel® Edison Tutorials
- Intel® Edison Product Brief
- Getting Started
- Software Downloads
- Board Support Package
- Intel® Edison Product Page
- GitHub (Design Files)

Skills



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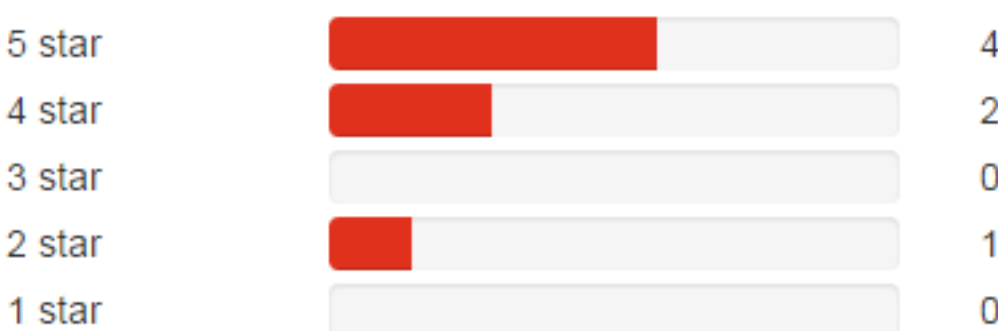
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Customer Reviews

★★★★☆ 4.3 out of 5

Based on 7 ratings:



2 of 2 found this helpful:

★★★★★ Really impressed!

about 8 months ago by [waaronw](#) ✔ verified purchaser

I've really impressed by this product. There's a lot of functionality built into a tiny package here - I think this is a much, much better option than the official Edison breakout - don't even think about it, just grab this.

My 2 fav features:

- Powers from either port and you can hot-swap. I use this to move the edison from battery to line power without interruption, and also to move it around the room when I want it wired.
- Easily sliceable jumpers for the power LED (and the TX/RX for the console if needed) The REALLY BRIGHT blue power LED can't be good for battery life, and I'm glad I didn't have to desolder it to turn it off.

Well designed, well produced. If you can get one, that is!

1 of 1 found this helpful:

★★★★☆ So far so good

about 8 months ago by [Member #598044](#) ✔ verified purchaser

The main complaint I have is how long it took to get here since I purchased it last October. That was not cool!

★★★★★ Love this board, small and high quality.

about 6 months ago by [Member #663035](#) ✔ verified purchaser

Just started on Maker stuff. Love these little blocks and their prices. Edison plugs into this board pretty tight and secure. I was able to flash the ubiLinux and upgrade the firmware without any issues.

★★★☆☆ Moving project from Edison/Arduino to Sparkfun is not easy

about a month ago by [Member #704528](#) ✔ verified purchaser

In the hope of moving my Edison/Arduino project to a smaller form factor I decided to try the Sparkfun shields: Base block, Arduino block and battery pack block.

The process has not been easy at all. The only way my project works is if the Sparkfun blocks are connected to the USB when I launch my sketch. I can then disconnect and the information from the analog port is fine. However, when I boot the blocks without using the Arduino IDE the analog information is not passed to the Edison OK. I am stuck and not sure I want to use these products.

Not for beginners, definitely.

★★★★★ Excellent support!

about 5 months ago by [Member #588483](#) ✔ verified purchaser

Hi!

I damaged the little switch of my Edison Base-Block, I guess by pressing too strongly on it; all it's parts came apart. Sparkfun support helped me right away; they sent me a replacement Base-Block and suggested I put hot glue over the switch; which I did. The switch is very delicate and this actually helps. Good trick! I had no problem since then!

★★★★☆ Small and Easy

about 5 months ago by [Member #676616](#) ✔ verified purchaser

I really like this board for it's simplicity and small form factor. The board does lack some features, just keep in mind this board can load Arduino code but it can't really run it out-of-the-box.

Please, vote for my project! <http://www.instructables.com/id/Smart-Helmet-Intel-Edison-Sparkfun-9DOF/>

Be a friend, vote.

★★★★★ Much better than Intel's Minibreakout board

about 6 months ago by [Member #664394](#) ✔ verified purchaser

I love that either USB ports can supply power. Unlike the Intel Mini breakout board, means that you can supply power via the console USB port and still use the OTG USB port for an actual device.

I wish it came with posts to mount the edison itself, but i was able to re-use the posts from Intel's board.



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In addition to products, SparkFun also offers classes and online tutorials to help educate individuals in the wonderful world of embedded electronics.

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