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Getting Started With Intel Edison: Sensors, Actuators, Bluetooth, And Wi-Fi On The Tiny Atom-Powered Linux Module (Make : Technology On Your Time)



Synopsis

The Intel Edison is a crowning achievement of Intel's adaptation of its technology into maker-friendly products. They've packed the dual-core power of the Atom CPU, combined it with a sideboard microcontroller brain, and added in Wi-Fi, Bluetooth Low Energy, and a generous amount of RAM (1GB) and flash storage (4GB). This book, written by Stephanie Moyerman, a research scientist with Intel's Smart Device Innovation Team, teaches you everything you need to know to get started making things with Edison, the compact and powerful Internet of Things platform. Projects and tutorials include: Controlling devices over Bluetooth Using Python and Arduino programming environments on Edison Tracking objects with a webcam and OpenCV Responding to voice commands and talking back Using and configuring Linux on Edison

Book Information

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Customer Reviews

Insights from author Stephanie Moyerman "This book is written to give readers a taste of everything—hardware, circuits, programming, Linux, communications, and scientific computing—and explain how each fits into the bigger picture of Making," says author Stephanie Moyerman. "If you're looking to build or improve on big interactive projects, this book will help you along." Stephanie has five must-do tips that will help everyone: 1. Don't be afraid to break things or make a mess. 2. Google knows everything if you ask the

right questions. Try and master a few key terms so that you can ask the right questions in times of need. 3. Carry micro-USB cables wherever you go. Not only will you be able to connect to most things, but you'll also be a hero when your friends need to charge their Android phones! 4. If all else fails, power cycle. 5. Everything is easy once you know how to do it.

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