



SparkFun Qwiic Starter Kit for Onion Omega

KIT-15125

When the minds at SparkFun and Onion get together we can make something truly awesome! The SparkFun Qwiic Starter Kit for Onion Omega is a blending of two different ecosystems that, when combined, provide you with an easy way to incorporate I²C sensors and breakouts in your next IoT project in the easiest way possible. Onion has even developed a web-based, graphical user interface for the Omega2 family called OnionOS, that allows you to interact with your Omega in a more visual way than the command-line. Using OnionOS, you will be able to visualize the sensor data from Qwiic boards and sensors straight from your browser!

Each Qwiic Starter Kit for Onion Omega includes an Onion Omega2+ IoT Computer, a Power Dock 2, a Qwiic Expansion Board, three different Qwiic sensors, and all the cables and power accessories needed to hooked up and started. Utilizing the VL53L1X Distance Sensor Breakout, AMG8833 Grid-EYE breakout, and the CCS811/BME280 Environmental Combo Breakout you will have all the capabilities to set up your own little sensor station powered by your Onion Omega.

The Onion Omega parts we carry are separated into three different categories: Mainboard, Dock and Expansion Board. With the parts in this kit you will be able to plug the Omega2+ Board into the Expansion Dock and add any of the included Expansion Boards to your project!

The SparkFun Qwiic Connect System is an ecosystem of I²C sensors, actuators, shields and cables that make prototyping faster and less prone to error. All Qwiic-enabled boards use a common 1mm pitch, 4-pin JST connector. This reduces the amount of required PCB space, and polarized connections mean you can't hook it up wrong.

INCLUDES

- 1x Onion Omega2+ IoT Computer
- 1x Power Dock 2 for Onion Omega
- 1x Qwiic Expansion Board for Onion Omega
- 1x SparkFun Distance Sensor Breakout - 4 Meter, VL53L1X (Qwiic)
- 1x SparkFun Grid-EYE Infrared Array Breakout - AMG8833 (Qwiic)
- 1x SparkFun Environmental Combo Breakout - CCS811/BME280 (Qwiic)
- 3x Qwiic Cable - 100mm
- 1x USB micro-B Cable - 6 Foot
- 1x USB Wall Charger - 5V, 1A



<https://www.sparkfun.com/products/15125/1-21-19>