



## SparkFun Qwiic SHIM Kit for Raspberry Pi

KIT-16987

The SparkFun Qwiic SHIM Kit for Raspberry Pi comes with everything you need to turn your Raspberry Pi into a fully Qwiic-enabled device. With this kit, you will receive a SparkFun Qwiic SHIM for Raspberry Pi, a Qwiic SerLCD, an ICM-20948 9DoF IMU Breakout, and the necessary cables needed to hook everything together. If you've ever been interested in getting your Raspberry Pi connected with the Qwiic Connect System, you won't find an easier way than with the SparkFun Qwiic SHIM Kit.



The SparkFun Qwiic SHIM for Raspberry Pi, included in this kit, is a small, easily removable breakout to add a Qwiic connector to your Raspberry Pi. The SHIM allows you to plug directly to the Pi's I<sup>2</sup>C bus with no soldering required and the thin PCB design allows for it to be sandwiched on your Pi GPIO with other HATS. The Qwiic SHIM works great when you do not need the full capabilities of the Qwiic pHAT for Raspberry Pi or if you want to add a Qwiic connector to your Pi but do not have room for yet another HAT.

**Note:** This kit does *not* include a Raspberry Pi. A desired Raspberry Pi development board will need to be purchased separately. Check the Hookup Accessories section below for Raspberry Pi options and the Includes tab above for everything included in this kit.

*The SparkFun Qwiic Connect System is an ecosystem of I<sup>2</sup>C 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 16x2 Qwiic Serial LCD
- 1x Qwiic SHIM for Raspberry Pi
- 1x 9DoF IMU Breakout - ICM-20948
- 1x Qwiic Cable 50mm
- 1x Qwiic Cable 100mm

<https://www.sparkfun.com/products/16987/9-22-20>