

Qwiic® Starter Kit for Raspberry Pi V2

KIT-21285

Product Overview

12/29/2023

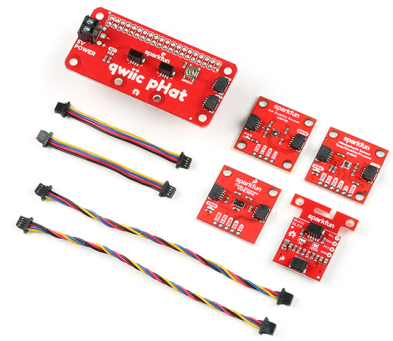
For the most up-to-date information, visit www.mouser.com or the supplier's website.

Description

SparkFun Qwiic® Starter Kit for Raspberry Pi V2 includes the Qwiic pHAT v2.0 for Raspberry Pi, which adds four Qwiic connectors to Pi. This kit also includes four Qwiic-enabled boards: VCNL4040 proximity sensor, BME280 atmospheric sensor breakout, and SGP40 air quality sensor.

The Qwiic® starter kit allows the user to take sensor readings from each Qwiic-enabled board by using Python to measure proximity, ambient light, barometric pressure, humidity, temperature, and Volatile Organic Compound (VOC) index.

The output data is received through the Micro OLED display or a monitor using the serial terminal.



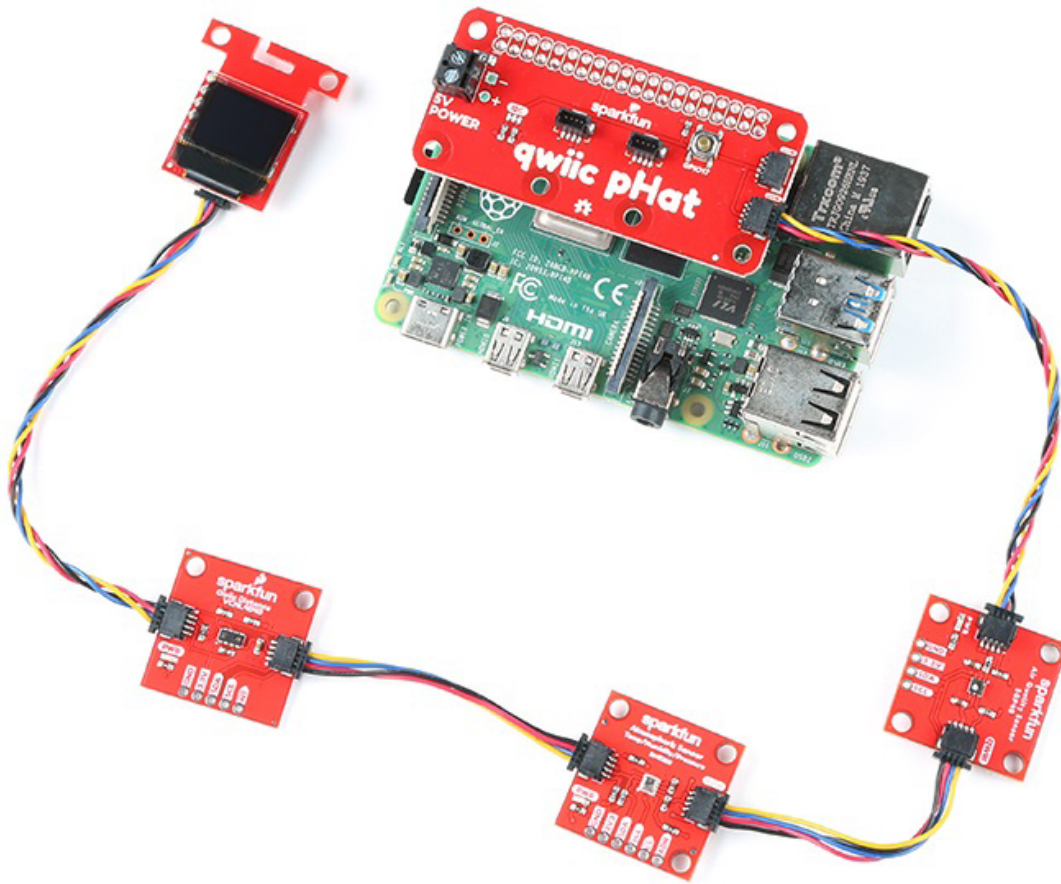
Features

- Four Qwiic connectors
- Can take sensor readings using Python
- Measurement of proximity, ambient light, barometric pressure, humidity, temperature, and VOC Index
- Output data through a micro OLED display or serial terminal
- Qwiic system simplifies I²C on Raspberry Pi
- Compatible with NVIDIA Jetson Nano developer kit and Google Coral development board
- I²C daisy chaining
- Onboard reset button and screw terminals

Kit Contents

- 1x Qwiic pHAT v2.0 for Raspberry Pi
- 1x Micro OLED breakout (Qwiic)
- 1x Proximity sensor breakout – 20cm, VCNL4040 (Qwiic)
- 1x Atmospheric sensor breakout – BME280 (Qwiic)
- 2x Flexible Qwiic cable – 50mm
- 2x Flexible Qwiic cable – 100mm

Connection Diagram



Mouser Part Number

[View Part](#)

To learn more, visit <https://www.mouser.com/new/sparkfun/sparkfun-qwiic-starter-kit/>