SparkFun Qwiic pHAT for Raspberry Pi

DEV-15351

The SparkFun Qwiic pHAT for Raspberry Pi (based on the original Qwiic Hat) provides you with the quickest and easiest way to enter into SparkFun's Qwiic ecosystem while still using that Raspberry Pi that you've come to know and love. The Qwiic pHAT connects the I^{2}C bus (GND, 3.3V, SDA and SCL) on your Raspberry Pi to an array of Qwiic connectors on the HAT. Since the Qwiic system allows for daisy chaining boards with different addresses, you can stack as many sensors as you'd like to create a tower of sensing power!
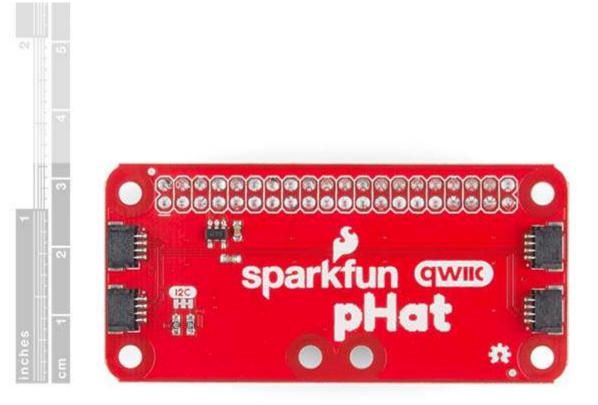
The Qwiic pHAT has four Qwiic connect ports, all on the same I^{2}C bus. This HAT is compatible with any Raspberry Pi that utilizes the standard 2x20 GPIO header. It is also compatible with the NVIDIA Jetson Nano as well as the Google Coral.

The SparkFun Qwiic Connect System is an ecosystem of I^{2}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.

Note: When placing a Raspberry Pi and the pHat in an enclosure (like the Pi Tin), we noticed that the pHAT was not fully inserted in Pi's header pins.

- ## FEATURES

- 4x Qwiic Connection Ports

https://www.sparkfun.com/products/15351 /6-10-19