



Ideal for monitoring conditions in your house, garage, and more, the Pimoroni Enviro pHAT packs 4 different sensors, letting you measure temperature, pressure, light level, colour, 3-axis motion, compass heading, and analogue inputs.

Snap it on top of a Raspberry Pi Zero (or any Raspberry Pi with a 2x20 connector) for a comprehensive environment-sensing pHAT powered directly from the Pi. Set up a web server with Flask and remotely monitor everything from anywhere.

As with other pHATs, it works with all of the 40-pin Raspberry Pi variants – 3/2/B+/A+/Zero – but using it with the Pi Zero makes for a super-tiny package.

Combining the Enviro pHAT with other Pimoroni HATs and pHATs gives almost endless possibilities: display sensor values on Unicorn pHAT, use the Display-O-Tron HAT to display sensor data, display a graph of values with the Scroll pHAT, and much, much more.

Features:

- BMP280 temperature/pressure sensor
- TCS3472 light and RGB colour sensor
- Two LEDs for illumination
- LSM303D accelerometer/magnetometer sensor
- ADS1015 4-channel 3.3v, analogue to digital sensor (ADC)

Kit Includes: Assembled Enviro pHAT PCB, 2x20 0.1" female GPIO header, & male header for ADC pins. Some light soldering is required to attach the header on, or you can solder the pHAT right onto the Pi Zero.

Product Dimensions: 65.0mm x 30.0mm x 2.6mm / 2.6" x 1.2" x 0.1"

Product Weight: 6.8g / 0.2oz