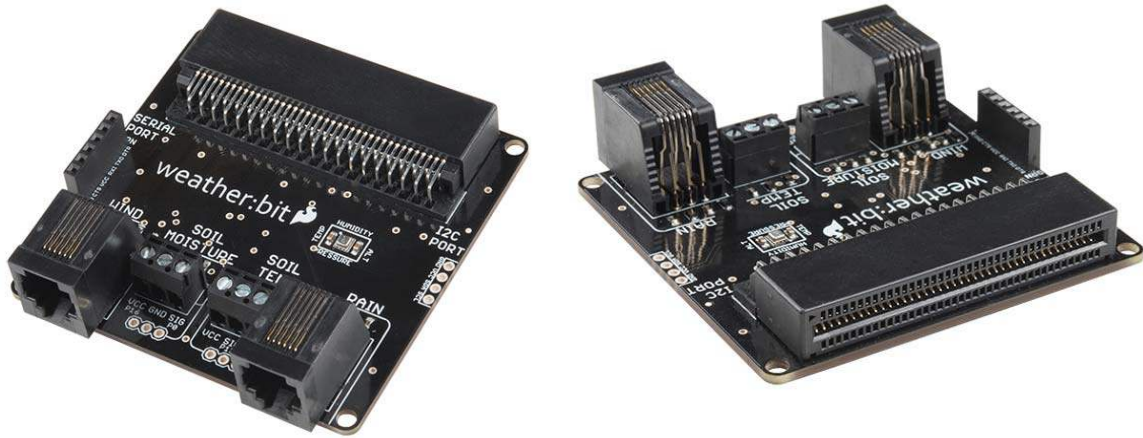




SparkFun weather:bit

DEV-14214



Description: The SparkFun weather:bit is a fully loaded “carrier” board for the micro:bit that, when combined with the micro:bit, provides you with a fully functional weather station. With the weather:bit you will have access to barometric pressure, relative humidity and temperature readings. There are also connections on this carrier board to optional sensors such as wind speed, direction, rain gauge and soil readings! The micro:bit has a lot of features and a lot of potential for weather data collection.

The weather:bit connects to the micro:bit via an edge connector at the top of the board, making setup easy. This creates a handy way to swap out micro:bits for programming, while still providing reliable connections to all of the different pins on the micro:bit. We have also included serial and I²C ports on the weather:bit for optimized connectivity if you so choose.

The micro:bit is a pocket-sized computer that lets you get creative with digital technology. Between the micro:bit and our shield-like bit boards you can do almost anything while coding, customizing and controlling your micro:bit from almost anywhere! You can use your micro:bit for all sorts of unique creations, from robots to musical instruments and more. At half the size of a credit card, this versatile board has vast potential!

Note: The SparkFun weather:bit is available to pre-order and does **NOT** include a micro:bit board; we expect to start shipping units by early July. Adding a pre-order product to an order may cause a delay. Be sure to uncheck “ship complete order” in your cart to avoid delays in shipping in-stock items.

Features:

- Onboard temperature, humidity, pressure and light sensor
- Connectors for soil moisture and soil temperature
- Connectors for wind speed, direction and rainfall gauges
- Edge connector for easy micro:bit integration

