

SparkFun micro:climate kit for micro:bit - v3.0

KIT-16274 ✨

DESCRIPTION

INCLUDES

DOCUMENTS

The SparkFun micro:climate kit is a full weather station kit that is built on top of the weather:bit carrier board. Unlike previous weather kits we've carried, this micro:climate kit is Qwiic enabled and includes our tried-and-true **Weather Meters** and **Soil Moisture Sensor**, so whether you're an agriculturalist, a professional meteorologist or a hobbyist, you will be able to build a high-grade weather station powered by the micro:bit. You can even talk via wireless communication between two micro:bits with this kit to be able to monitor the weather without being exposed to it!

Inside each micro:climate kit you will find all the components required to build your micro:bit into a go-to weather sensor; the only parts not included are two AAA batteries, microSD card, and the micro:bit itself. Simply add your own micro:bit to the provided weather:bit, assemble the kit, and you will be ready to start sensing. The SparkFun micro:climate kit is a great way to get your feet wet in high-grade sensors --- just not literally; that's the weather:bit's job!

The kit does not require any soldering and is recommended for anyone curious about weather-sensing technology or the micro:bit platform.

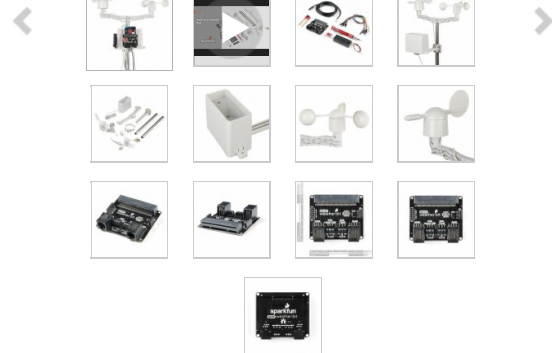
The micro:bit is a pocket-sized computer that lets you get creative with digital technology. Between the micro:bit and our shield-like bit boards you can do almost anything while coding, customizing and controlling your micro:bit from almost anywhere! You can use your micro:bit for all sorts of unique 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 micro:climate kit does **NOT** include a **micro:bit board**. The micro:bit board will need to be purchased separately. You will also need a microSD card when logging data and AAA batteries to power remotely.

[GET STARTED WITH THE MICRO:CLIMATE KIT GUIDE](#)

Tags

AAA | BBC | EDUCATION | ENVIRONMENT | I2C | KIT | MICROBIT | MICRO:BIT | MICRO:CLIMATE | QWIIC | SENSOR | WEATHER | WEATHER:BIT



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SparkFun micro:climate kit for micro:bit - v3.0 Product Help and Resources

TUTORIALS

VIDEOS

SKILLS NEEDED



Experiment Guide

JULY 21, 2017

A weather station kit that is built on top of the inexpensive, easy-to-use micro:bit and Microsoft MakeCode.

Guide

JULY 20, 2017

How to assemble your very own weather meter!

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