



ESP32 Weatherstation

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updated 6. 1. 2024 | published 6. 1. 2024

Summary

A coding practice project using an ESP329+TFT ST7735 to display basic weather information pulled from OpenWeatherMap API

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A coding practice project using an ESP329+TFT ST7735 to display basic weather information pulled from OpenWeatherMap API

Disclaimer: The entirety of this code was generated by GPT4, and majority of this readme/guide was generated by ChatGPT. This project was a personal exploration into using GPT to create the code for my personal projects as I lack coding skills, but have design/maker skills. As such, please vet the code and install guide yourself, as there may be inaccuracies.

The Case was designed in Fusion360 and does not require any tools to put together. The screen will clip in and be held in place, the ESP32 should be held in with a small piece of double sided tape. The lid should press fit in place as well. I printed mine in CF-PETG on a Bambu Labs P1S.

CODE/GUIDE: <https://github.com/potatoworld/ESP32Weatherstation/tree/main>

Model files



esp32weatherstation-lid.stl



esp32weatherstation-main-body.stl

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