

Please refer to Photrio for further build help

## ESP32 Arduino IDE Software Load Generic. V1.3 3/11/2024

Arduino IDE (Integrated Development Module) is a computer program used to communicate with the Arduino and ESP32 processor boards. The program allows writing & developing Arduino code (based on C++) and has many other features and uses.

One such feature, is the ability of the Arduino or ESP32 board to send data directly to the program for display on the computer screen. This is called 'Serial Monitor'. This is the feature to be used.

### Download the software

To get started, download the Arduino 2.x software from

[Software | Arduino](#)

### Install the software

To watch a tutorial for the install process, watch this video up to 6.04

[\(284\) How To Install Arduino IDE 2.0 On Windows 10/11 \[ 2023 Update \] Arduino Uno Complete Guide - YouTube](#)

**Note:-** The video past 6.04 is not applicable for our use and need not be watched.

### That is it. The software can be run.

1 Connect the Arduino or ESP32 board to the computer with a suitable USB cable.

2 Select Arduino Nano and the correct COM port

3 Change the baud to 115200. (This baud rate may need setting differently for other applications).

4 Open Serial Monitor window. This opens at the bottom, but can be dragged up to make it larger.

5 If using an ESP32 board, press the Reset Button on the ESP32 board and the bootloader output will be seen in the Serial Monitor window.

