

User guide

To screen cast your PC to the Matrix you first have to prepare your LED controller.
It is recommend to use an ESP32 board for that.

Download the Arduino file and change these parameters:

```
//Things you have to change:
//Put your WiFi Credentials here:
const char* ssid = "*****";
const char* password = "*****";

//Set the Pin and the Dimensions of Your Matrix here:
const int pin = 13;
const int width = 16;
const int height = 16;

//If you have a special kind of Matrix ore use more than one Tile you should change the settings here,
//For mor Information Visit the Adafruit NeoMatrix Guide: https://learn.adafruit.com/adafruit-neopixel-uberguide/neomatrix-library
Adafruit_NeoMatrix matrix = Adafruit_NeoMatrix(width, height, pin,
    NEO_MATRIX_BOTTOM + NEO_MATRIX_LEFT +
    NEO_MATRIX_ROWS + NEO_MATRIX_ZIGZAG,
    NEO_GRB + NEO_KHZ800);
```

If you never used your matrix before please test it with an example code to ensure it works properly. After you uploaded the changed code to your ESP it should connect to your WiFi. If the connection is successfully established the Matrix will light up in pink to show its ready to be used.

//This Guide is still work in progress and will be extended soon.