

Installation

Download the [ESPTool-GUI-Helper Setup.zip](#) file

[-CGameDev-s-ESPTool-GUI-Helper](#) / [ESPTool-GUI-Helper Setup.zip](#)

CGameDev Add files via upload

312b349 · 27 minutes ago History

Code Blame 23.3 MB Code 55% faster with GitHub Copilot

Download raw file

Raw Copy Download Edit

[View raw](#)

(Sorry about that, but we can't show files that are this big right now.)

Once download, extract the file to a folder.

<input type="checkbox"/> Name	Date modified	Type	Size
Application Files	2024-09-16 9:21 PM	File folder	
ESP-Flash.application	2024-09-16 9:21 PM	Application Manif...	2 KB
setup.exe	2024-09-16 9:21 PM	Application	666 KB






Click the setup file to install the application.

Ensure you have the esptool-win64 folder downloaded and extracted.

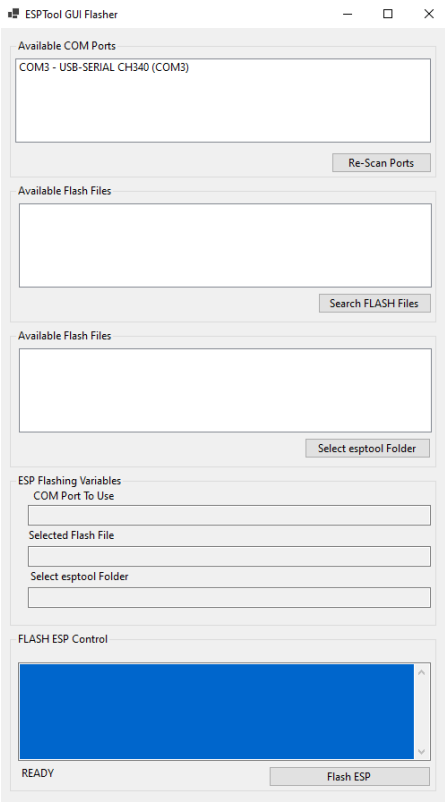
esp_rfc2217_server.exe	2023-12-13 6:16 AM	Application	6,118 KB
espefuse.exe	2023-12-13 6:16 AM	Application	10,706 KB
espsecure.exe	2023-12-13 6:16 AM	Application	8,941 KB
esptool.exe	2023-12-13 6:16 AM	Application	6,133 KB
LICENSE	2023-12-13 6:16 AM	File	18 KB
README.md	2023-12-13 6:16 AM	Markdown Source...	2 KB

Ensure you have the Duinol2C_ESP-main folder downloaded and extracted.

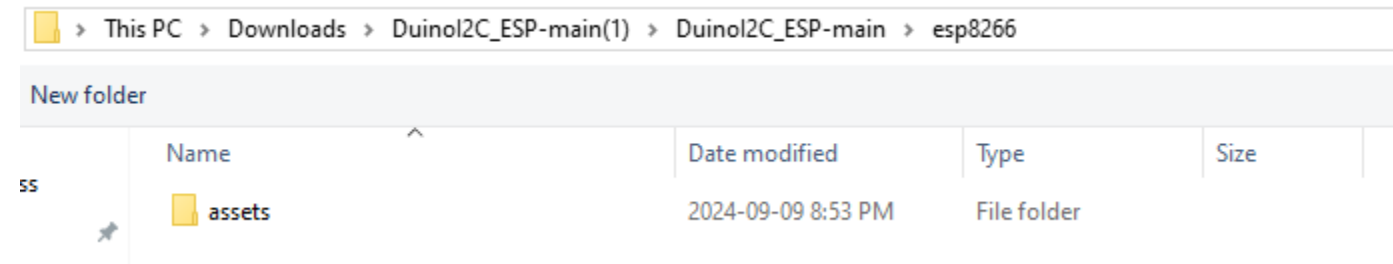
This PC > Downloads > Duinol2C_ESP-main(1) > Duinol2C_ESP-main

<input type="checkbox"/>	Name	Date modified	Type	Size
	esp8266	2024-09-09 8:53 PM	File folder	
	resource	2024-09-09 8:53 PM	File folder	
	worker	2024-09-09 8:53 PM	File folder	
	LICENSE	2024-09-09 8:53 PM	File	2 KB
	README.md	2024-09-09 8:53 PM	Markdown Source...	4 KB

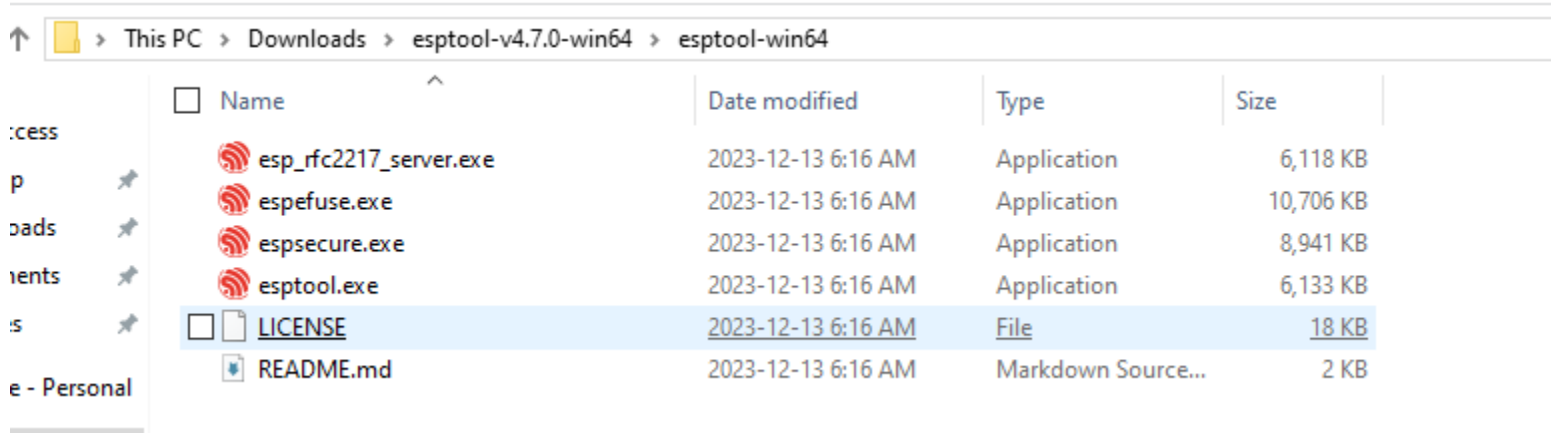
Go to your start menu and look for ESP-Flash to open tool.



The program will scan your COM ports on startup. If you didn't have your device plugged in just use the Re-Scan Port button. Click the Search FLASH Files and navigate to the folder with the flash files, they have a .Bin extension.



Do the same for the other option by clicking the Select esptool folder and select the folder with esptool.exe



These two process above will populate their corresponding list with files and their locations.

Ensure you select the correct COM Port, flash file from the Available Flash File window and also select esptools.exe from the second Window. The ESP Flashing Variables will populate so show your selection. Once everything is in order click the FLASH ESP button and wait for the process to complete. The application me become unresponsive while this is happening in the current version. The next version will utilize multi-thread.

ESPTool GUI Flasher

Available COM Ports

COM3 - USB-SERIAL CH340 (COM3)

Re-Scan Ports

Available Flash Files

C:\Users\CGAMEDEV\Downloads\esptool-v4.7.0-win64\esptool-win64\Duinol2C_ESP.i
C:\Users\CGAMEDEV\Downloads\esptool-v4.7.0-win64\esptool-win64\Duinol2C_ESP.i

Search FLASH Files

Available Flash Files

C:\Users\CGAMEDEV\Downloads\esptool-v4.7.0-win64\esptool-win64\espefuse.exe
C:\Users\CGAMEDEV\Downloads\esptool-v4.7.0-win64\esptool-win64\espsecure.exe
C:\Users\CGAMEDEV\Downloads\esptool-v4.7.0-win64\esptool-win64\esptool.exe
C:\Users\CGAMEDEV\Downloads\esptool-v4.7.0-win64\esptool-win64\esp_rfc2217_ser

Select esptool Folder

ESP Flashing Variables

COM Port To Use

COM3

Selected Flash File

Duinol2C_ESP.ino.d1_mini.400K.bin

Select esptool Folder

esptool.exe

FLASH ESP Control

Flash ESP

ESPTool GUI Flasher

Available COM Ports

COM3 - USB-SERIAL CH340 (COM3)

Re-Scan Ports

Available Flash Files

C:\Users\CGAMEDEV\Downloads\esptool-v4.7.0-win64\esptool-win64\Duinol2C_ESP.i
C:\Users\CGAMEDEV\Downloads\esptool-v4.7.0-win64\esptool-win64\Duinol2C_ESP.i

Search FLASH Files

Available Flash Files

C:\Users\CGAMEDEV\Downloads\esptool-v4.7.0-win64\esptool-win64\espefuse.exe
C:\Users\CGAMEDEV\Downloads\esptool-v4.7.0-win64\esptool-win64\espsecure.exe
C:\Users\CGAMEDEV\Downloads\esptool-v4.7.0-win64\esptool-win64\esptool.exe
C:\Users\CGAMEDEV\Downloads\esptool-v4.7.0-win64\esptool-win64\esp_rfc2217_ser

Select esptool Folder

ESP Flashing Variables

COM Port To Use

COM3

Selected Flash File

Duinol2C_ESP.ino.d1_mini.400K.bin

Select esptool Folder

esptool.exe

FLASH ESP Control

esptool.py v4.7.0
Serial port COM3
Connecting....
Chip is ESP8266EX
Features: WiFi
Crystal is 26MHz
MAC: 58:bf:25:d9:9c:43

Flash ESP

ESPTool GUI Flasher

Available COM Ports

COM3 - USB-SERIAL CH340 (COM3)

Re-Scan Ports

Available Flash Files

C:\Users\CGAMEDEV\Downloads\esptool-v4.7.0-win64\esptool-win64\Duinol2C_ESP.i
C:\Users\CGAMEDEV\Downloads\esptool-v4.7.0-win64\esptool-win64\Duinol2C_ESP.i

Search FLASH Files

Available Flash Files

C:\Users\CGAMEDEV\Downloads\esptool-v4.7.0-win64\esptool-win64\espfuse.exe
C:\Users\CGAMEDEV\Downloads\esptool-v4.7.0-win64\esptool-win64\espsecure.exe
C:\Users\CGAMEDEV\Downloads\esptool-v4.7.0-win64\esptool-win64\esptool.exe
C:\Users\CGAMEDEV\Downloads\esptool-v4.7.0-win64\esptool-win64\esp_rfc2217_ser

Select esptool Folder

ESP Flashing Variables

COM Port To Use

COM3

Selected Flash File

Duinol2C_ESP.ino.d1_mini.400K.bin

Select esptool Folder

esptool.exe

FLASH ESP Control

Writing at 0x000b8f57... (100 %)
Wrote 771392 bytes (514486 compressed) at 0x00000000 in 45.4 seconds (effective
135.8 kbit/s)...

Hash of data verified.

Leaving...

Hard resetting via RTS pin...

Flash ESP