

Frequently Asked Questions (FAQ)

[What are the minimum requirements for Waijung2 installation?What are the minimum requirements for Waijung2 installation?](#)

1. Microsoft Windows10
2. Matlab (Release R2018b or later) with the followings toolboxes and blocksets:
 1. Simulink
 2. Matlab Coder
 3. Simulink Coder
 4. Embedded Coder

[error: java.lang.IllegalArgumentException: Negative timeerror: java.lang.IllegalArgumentException: Negative time](#)

If your program terminate the build process with this error follow the steps below:

step 1:

Set Region format in Windows to US in settings
region.png

step 2:

Restart Matlab

[Waijung2 building process is getting slower with Matlab 2020Waijung2 building process is getting slower with Matlab 2020](#)

If your Simulink Model (with Waijung 2) takes time to build and flash the ESP32 (normally it will take about 3 - 4 minutes for the first build), check the Task Manager whether the CPU usage is high with the Antivirus Guard (usually Microsoft Defender). If the CPU usage on Microsoft Defender is high, please follow the following steps to add the exclusions to the Microsoft Defender.

Step 1:

Go to Settings and then select Update & Security
defender1.png

Step 2:

Go to Windows Security and go to Virus & threat protection
defender2.png

Step 3:

Click on Manage setting under Virus & threat protection settings
defender3.png

Step 4:

Go to Add or remove exclusions under Exclusions
defender4.png

Step 4:

By clicking on Add an exclusion you can add the exclusions to the Matlab folder, Waijung2 folder (ex: waijung2_20.10a folder) and if your model files are in a separate folder add and exclusion for that folder also.
defender5.png

defender6.png

Note: If you are using other Antivirus Guard software, the procedure will be different.

[error: Failed to connect to ESP32: Timed out waiting for packet headererror: Failed to connect to ESP32: Timed out waiting for packet header](#)

Possible cause 1:

Some ESP32 development boards don't go into flashing/uploading mode automatically when uploading a new code.

This means that when you try to upload a new sketch to your ESP32, the ESP IDF fails to connect to your board, and you get the above error message.

A solution to this problem can be found in this [blog](#)

Files

defender1.png	23.1 KB	02 Nov 2020	Chandima Jayaneththi (จันทิมา)
defender2.png	255 KB	02 Nov 2020	Chandima Jayaneththi (จันทิมา)
defender3.png	164 KB	02 Nov 2020	Chandima Jayaneththi (จันทิมา)
defender4.png	154 KB	02 Nov 2020	Chandima Jayaneththi (จันทิมา)
defender5.png	179 KB	02 Nov 2020	Chandima Jayaneththi (จันทิมา)
region.png	6.89 KB	02 Nov 2020	Chandima Jayaneththi (จันทิมา)
defender6.png	192 KB	02 Nov 2020	Chandima Jayaneththi (จันทิมา)