magicbit TINNU OS UPDATE



You are required to have Arduino IDE installed on your computers to update the Magicbit TINY OS.

Installing Arduino Software

Download one of the below versions of Arduino software to your computer from the below link. Select the correct option according your computer OS type (Windows, Mac or Linux)

o Version 1.8.19

Arduino IDE 1.8.19

o Version 2.3.2

Magicbit Tiny doesn't support for Arduino 2.3.3 version

- o Download Arduino from here <u>https://www.arduino.cc/en/software</u>
- o Install the downloaded software in your computer.
- o Open the Arduino IDE from the shortcut created on your computer desktop.





Adding the Magicbit Tiny board to Arduino IDE

✦ Connect the Magicbit Tiny board to the computer using the USB cable.



Open the "Preferences" window of the Arduino IDE as follows.



File > Preferences

Copy the below given release link and paste it on the "Additional Board Manager". Here you can paste multiple release links by separating them by ", ".

o Release Link for Magicbit Tiny:- https://magicbit.cc/boards/magicbit.json



	Settings Network
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Additional boards manager UR	Ls: d/Magicbit/package_magicbit_index.json,https://magicbit.cc/boards/magicbit.json

✦ Now open the "Boards Manger" window as in below path.

Tools > Board Boards > Manager

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\sim	10	Programmer	•	Magicbit Tiny	•
2		Burn Bootloader			

Search as "Magicbit Tiny" and click on the "INSTALL" button to install it. This will take few minutes.





✦ After installing, connect with the Magicbit Tiny board as follows.

Tools > Boards > Magicbit Tiny > Magicbit Tiny

Then select the relevant USB port which the Magicbit Tiny is connected.

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Tools > Port > COM

Now you are ready to update the Magicbit Tiny OS.



Select the Magicbit_Tiny_OS from the Examples in as in below path and upload that program to your Magicbit Tiny board.

File > Examples > Examples > Magicbit_Tiny_OS

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