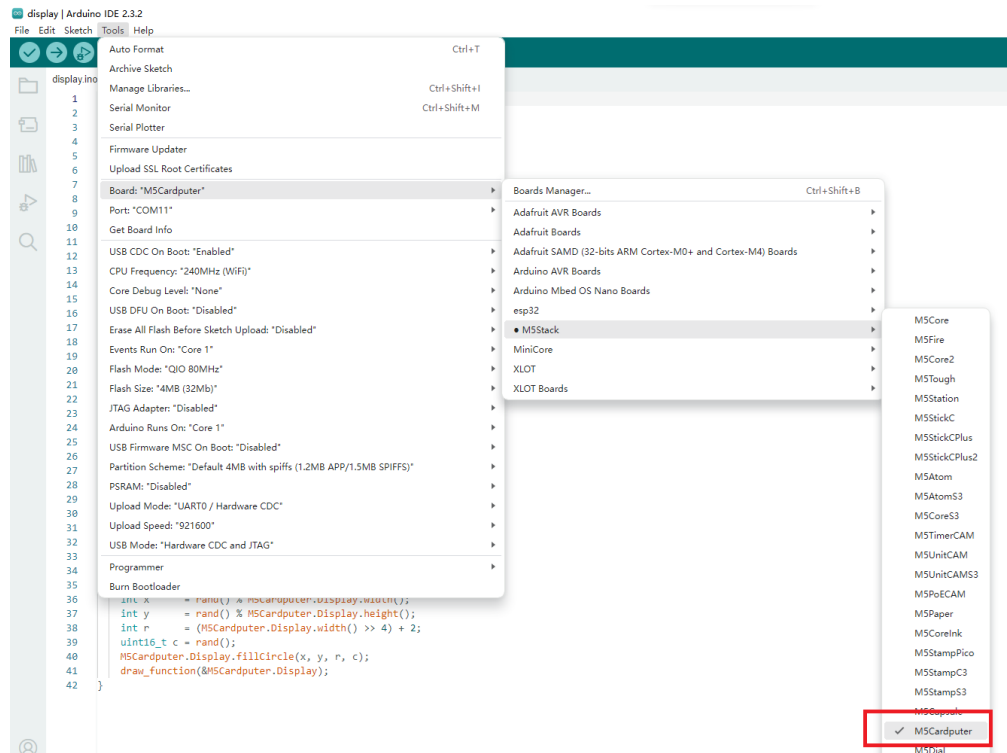


Cardputer Arduino Program Compilation & Upload

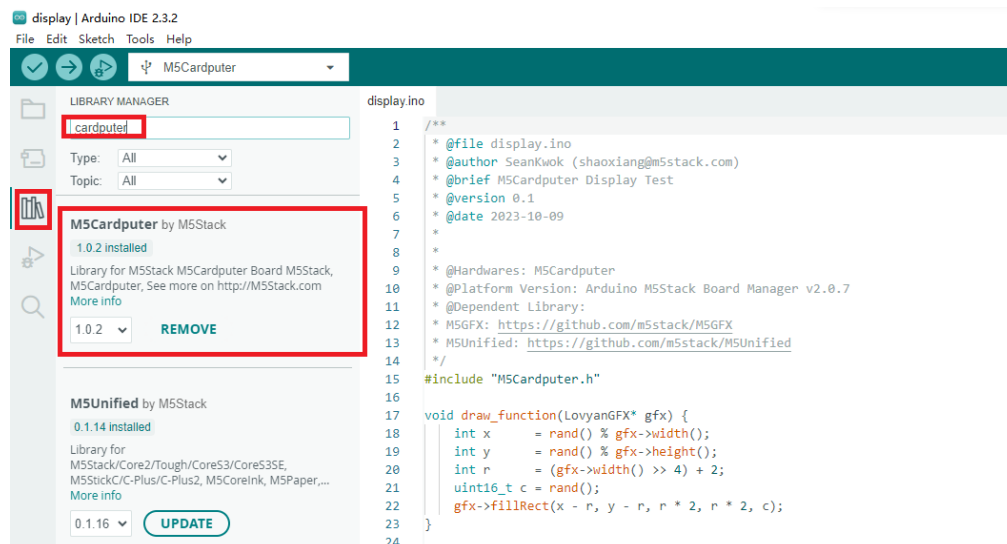
This page is applicable to Cardputer and Cardputer-Adv.

1.Preparation

- 1.Install Arduino IDE: Refer to the [Arduino IDE Installation Guide](#) to complete the installation.
- 2.Install Board Manager: Refer to the [Board Manager Installation Guide](#) to install the M5Stack board manager and select the board option **M5Cardputer**.

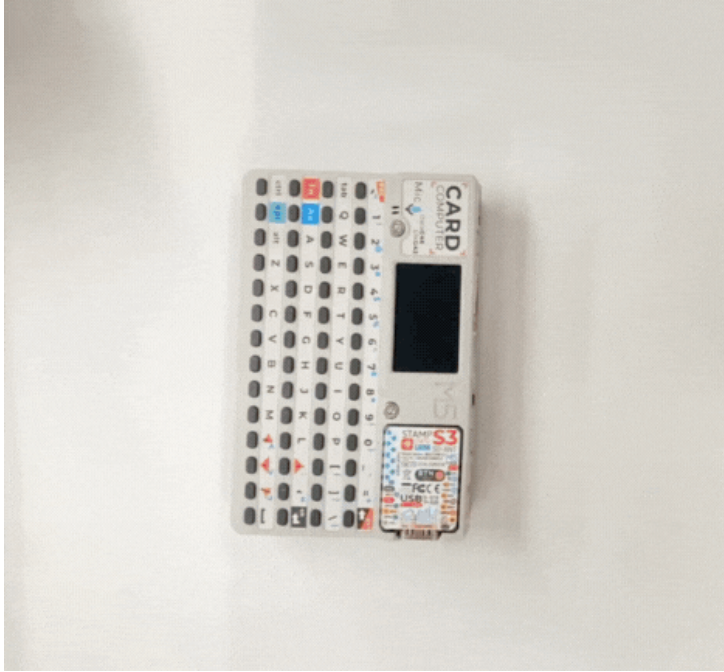


- 3.Install Required Libraries: Refer to the [Library Manager Installation Guide](#) to install the **M5Cardputer** driver library, and download all required dependency libraries as prompted.



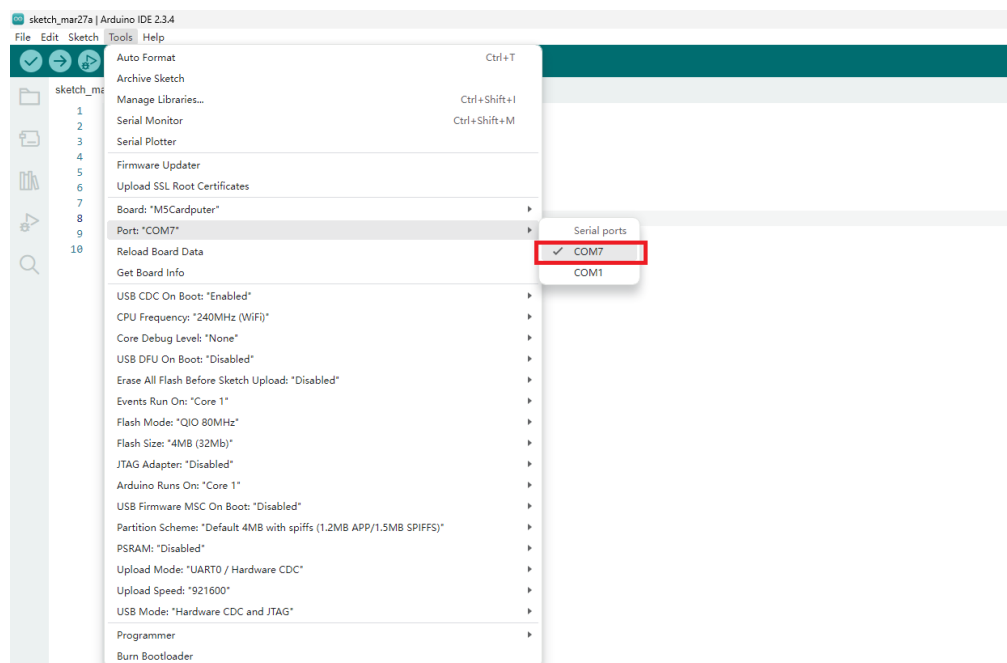
2.Download Mode

Set the switch on the top side of the product to OFF. Hold down the G0 button next to it, connect the device to your computer using a USB-C data cable, then release the button. The device will enter download mode.



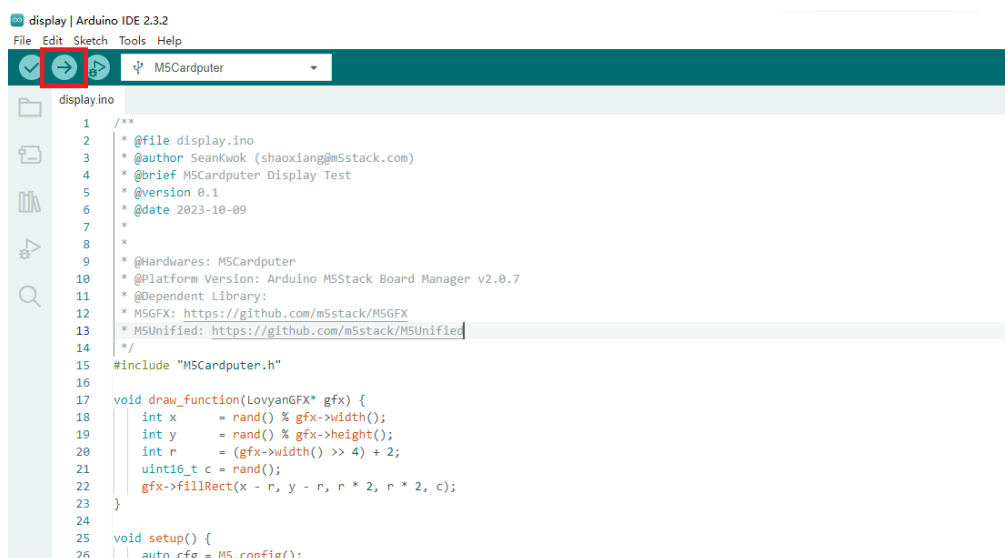
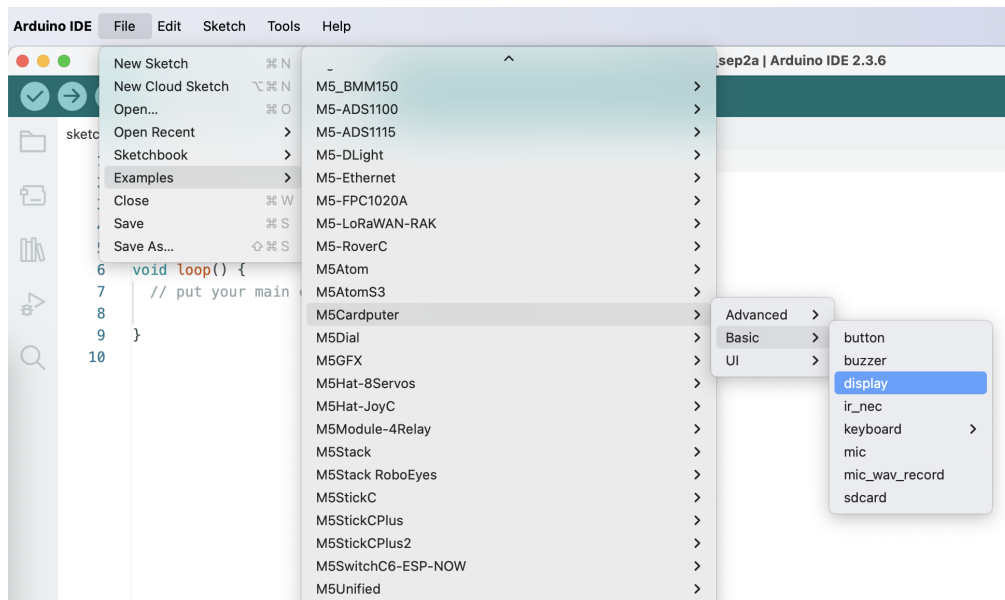
3.Port Selection

After completing the above steps, you can select the corresponding development board and device port in the Arduino IDE.



4.Program Compile & Flash

Open the example program **Basic** -> **display** from the **M5Cardputer** driver library, click the upload button, and the program will be compiled and flashed to the device.



The running result is as shown below:



5.Related Resources

- GitHub
 - [M5Cardputer Library](#)

- Arduino API & Examples

- [Battery](#)
- [Button](#)
- [Display](#)
- [IMU](#)
- [IR](#)
- [Keyboard](#)
- [Mic](#)
- [microSD](#)
- [Speaker](#)