

2 Burning and Updating Firmwares

Tutorial Video: <https://www.bilibili.com/video/BV1Qr4y1N7B5/>

2.1 Burning M5Stack-basic Firmwares

Notice: PI version is not required to burn M5Stack-basic firmwares.

Step 1: Connect M5Stack-basic with PC with USB.

Step 2: Select `USB Port`. After connecting with PC, `USB Port` shows `M5Stack-basic`. The figure below takes myPalletizer 260 M5 as an example.

- Click on `LOGIN -> M5Stack-basic`, and then you can burn firmwares.

Notice: As 280 PI/Jetson nano/Arduino versions do not have M5Stack-basic, the `USB Port` cannot show anything after connection.

2.2 Burning Atom Firmware

Step 1: Connect Atom with PC with USB.

Step 2: Select `ATOM` at Board, and then burn AtomMain. The picture below takes myCobot 320 as an example.

2.3 Firmware Burning for myCobot 320 series

M5Stack-basic and picoMain are required to be burnt on myCobot 320 series. It should be noted that the two firmwares are burnt by different type-c interfaces.

1.Burning M5Stack-basic: miniRobot

Step 1: Connect M5Stack-basic and PC.

Step 2: Select the 320 series, language and region, and then click on `LOGIN`.

Step 3: Click on `Basic`, and select minirobot to burn.

2.Burning Pico Firmware: picoMain

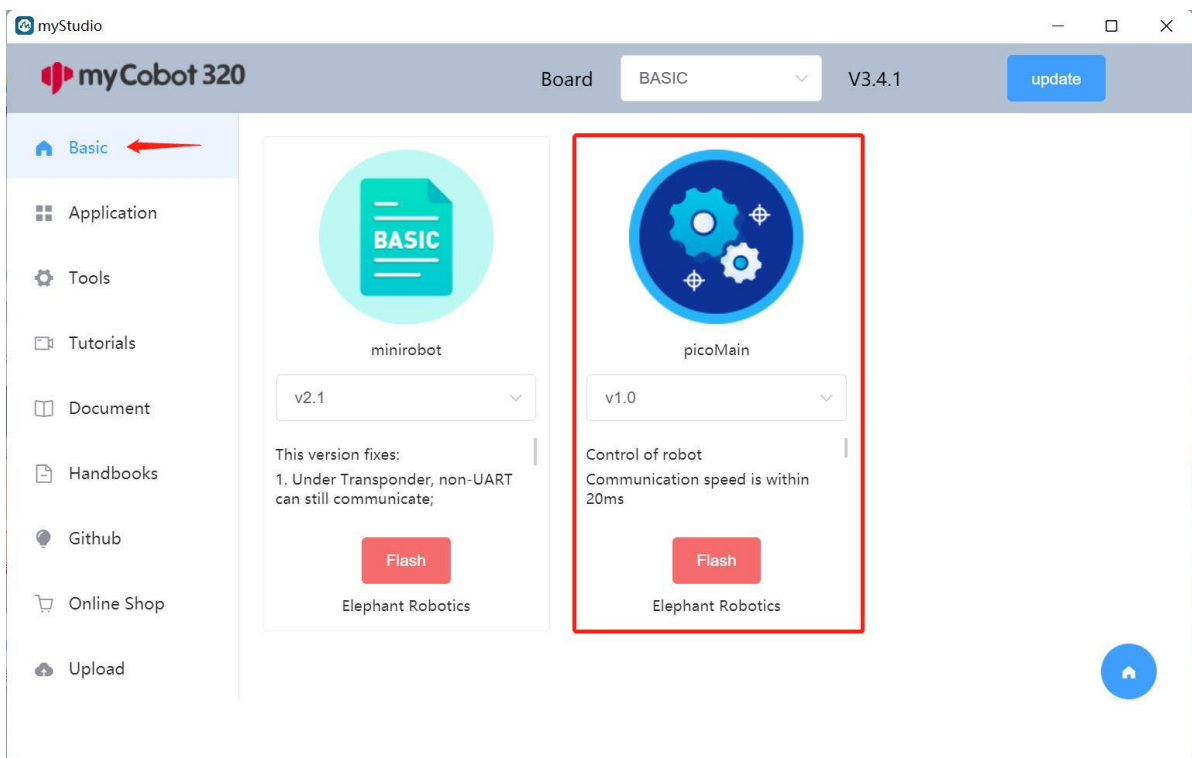
Step 1: Connect M5Stack-basic with PC.

Step 2: Select `Flash` (press `UP` once or `DOWN` four times), and then the screen goes dark for approximately 30 seconds.



Step 3: select picoMain to burn via myStudio.

Notice: picoMain is required to be burnt during the sleep period of **Flash** mode. Otherwise it may fail to burn picoMain.

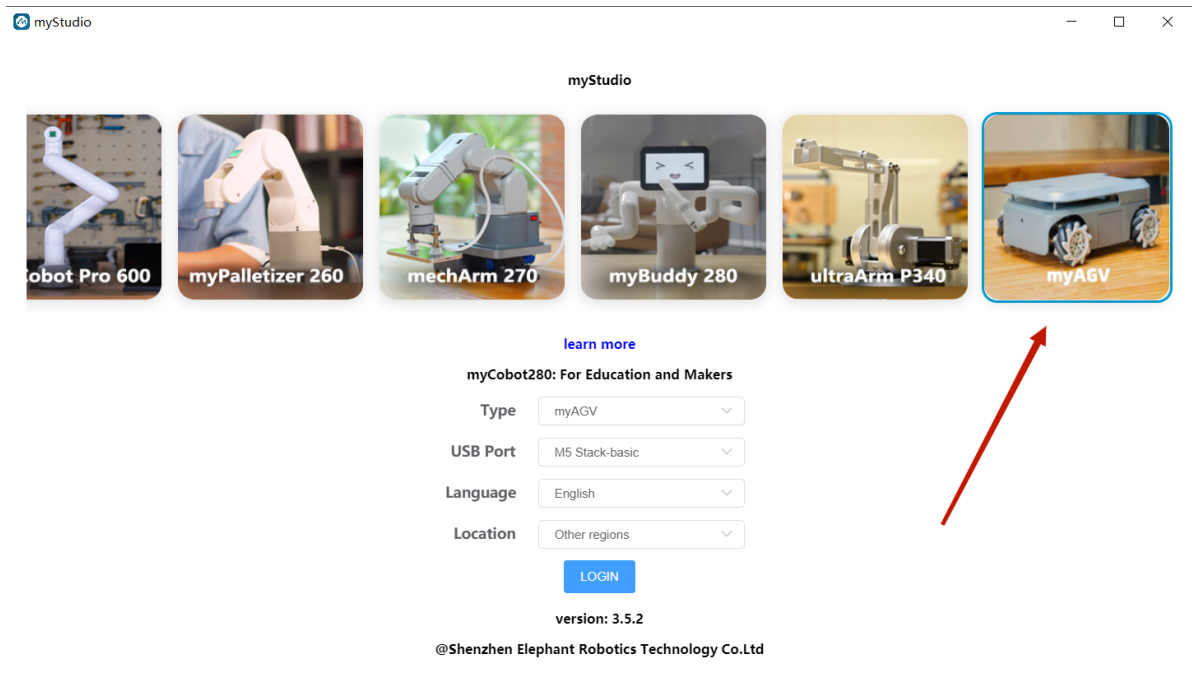


2.4 myAGV Firmware burning

1. Burning Pico Firmware: picoMain

Step 1: Turn on the computer and connect the screen.

Step 2: Select the myAGV image, select the model language and region, and click to log in.



Step 3: After logging in, click 'Basic' and select picoMain to burn.



2.5 myArm Firmware burning

1.Burning Atom Firmware

Step 1: Connects to a PC. Use USB to connect the Atom interface (labeled 11 as Atom Type C interface).

Step 2: Select the myArm image, select the model language and region, and click to login.

Step 3: After login, click 'Basic', select AtomMain, click download, and then click the burn button to burn.

2.Burning Pico Firmware: picoMain

Step 1: Turn on the computer and connect the screen.

Step 2: Select the myArm image, select the model language and region, and click to login.

Step 3: After login, click 'Basic', select picoMain, click download, and then click the burn button to burn.