

Marlin firmware support 3d touch burning method

1. Install USB driver

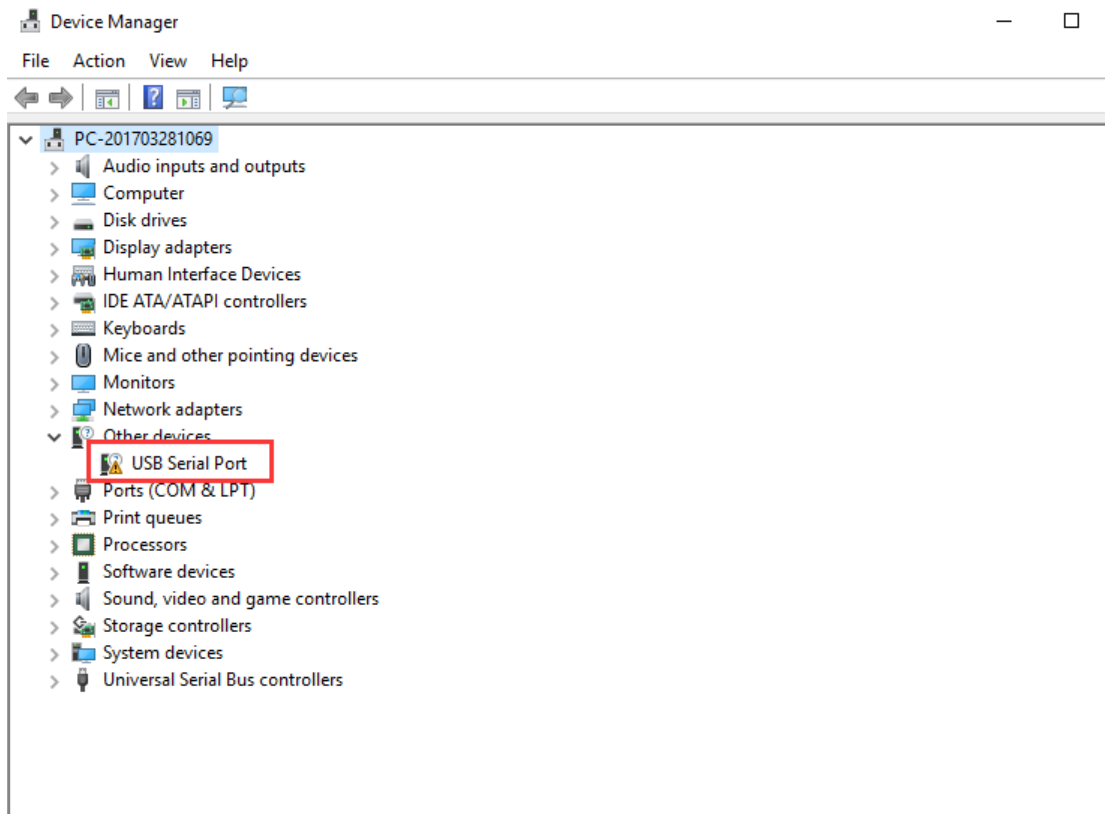
Firstly, turn on the printer, and connect the printer to computer with a USB cable. Normally, the computer will automatically search the install driver. The communication chip of the newest control board GT2560 V4.0 is CH340. See picture (1-1).



(Picture 1-1)

If it fails to automatically install the driver in computer, then check whether the driver is installed successfully or not. Click to choose **“My computer> Property> Device manager”**.

If it shows the exclamation mark as picture below (1-2), then you need to install the driver manually.

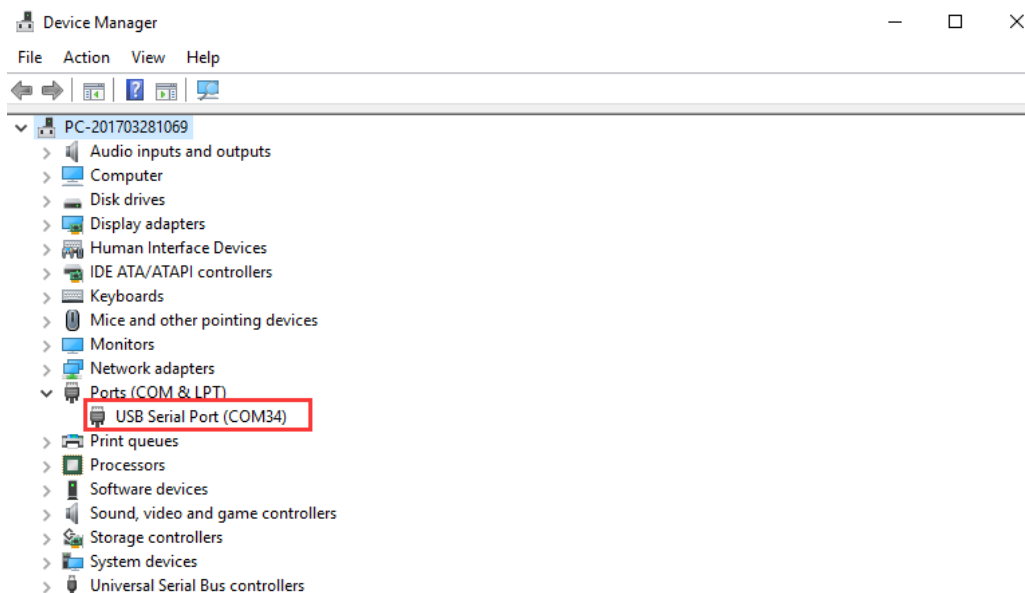


(Picture 1-2)

Download link for CH340:

https://www.geeetech.com/index.php?main_page=download&download_id=40

After the driver is installed, check the "Device manager" and see if it is same as the picture below (1-3). If so, it means the driver is successfully installed.



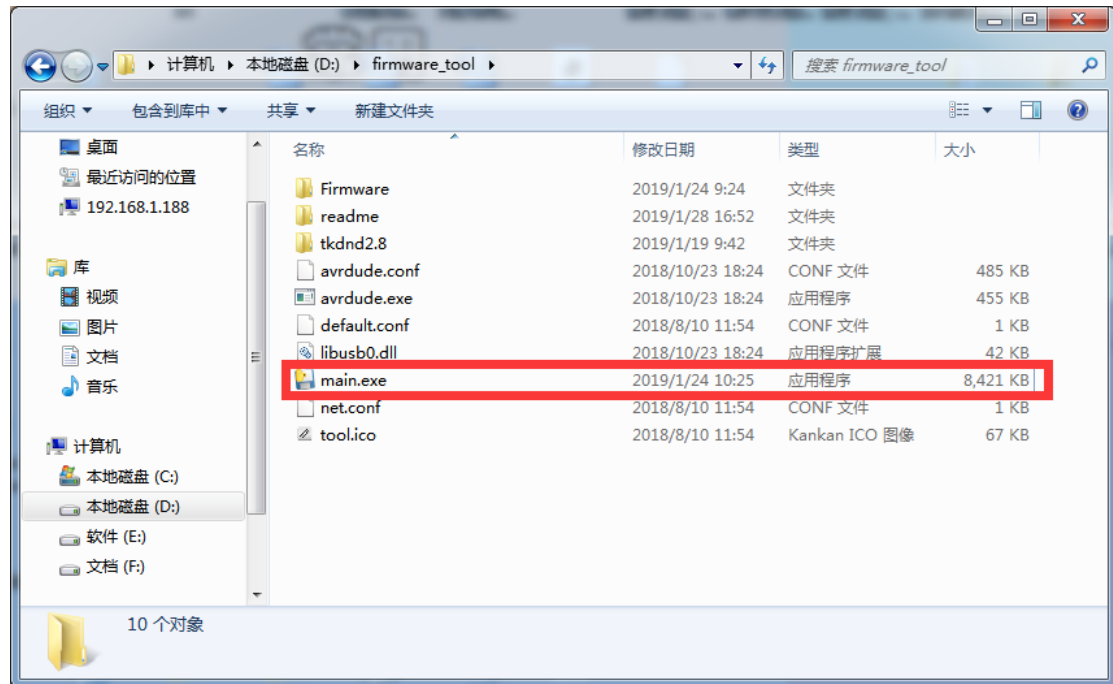
(Picture 1-3)

2. Download the burning tool" Firmware toolkit" and burn the firmware

"Firmware toolkit" Download address:

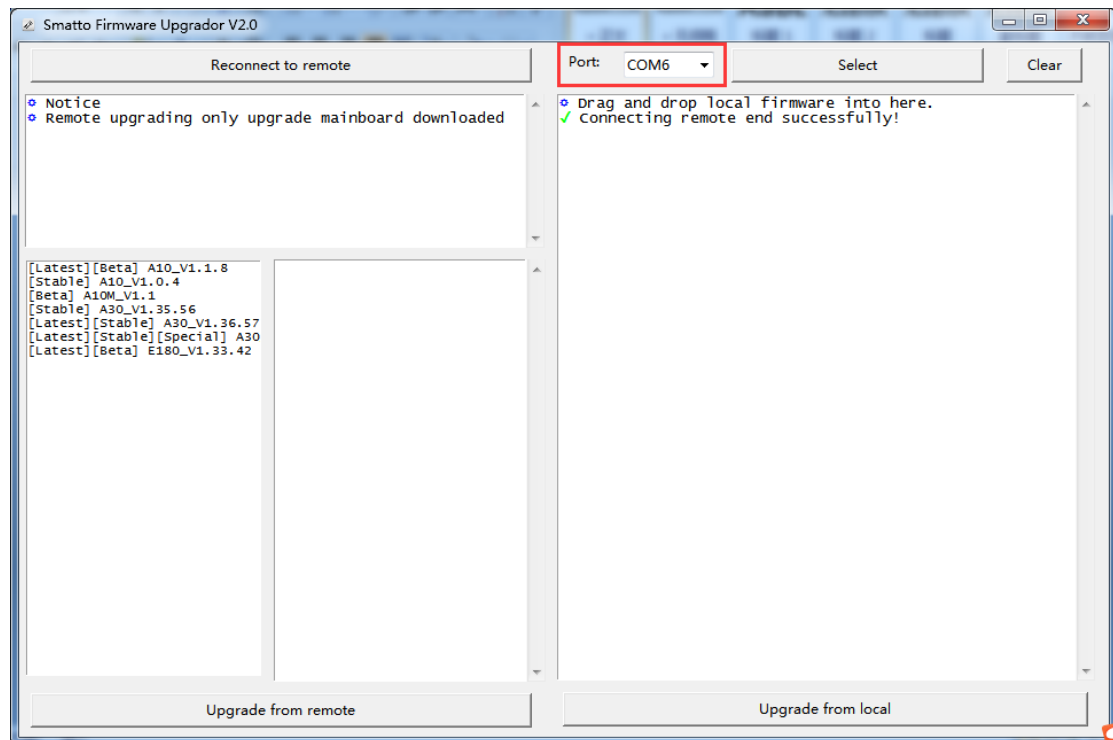
https://www.geeetech.com/download.html?download_id=40

Open the tool "firmware toolkit" See picture (1-4).



(Picture 1-4)

Open the firmware toolkit and connect to the port as shown in picture (1-5).



(Picture 1-5)

Then click "select" to open the firmware you want to upgrade, as shown in the picture (1-6)

Download address is as follows:

A10: https://www.geeetech.com/download.html?download_id=30

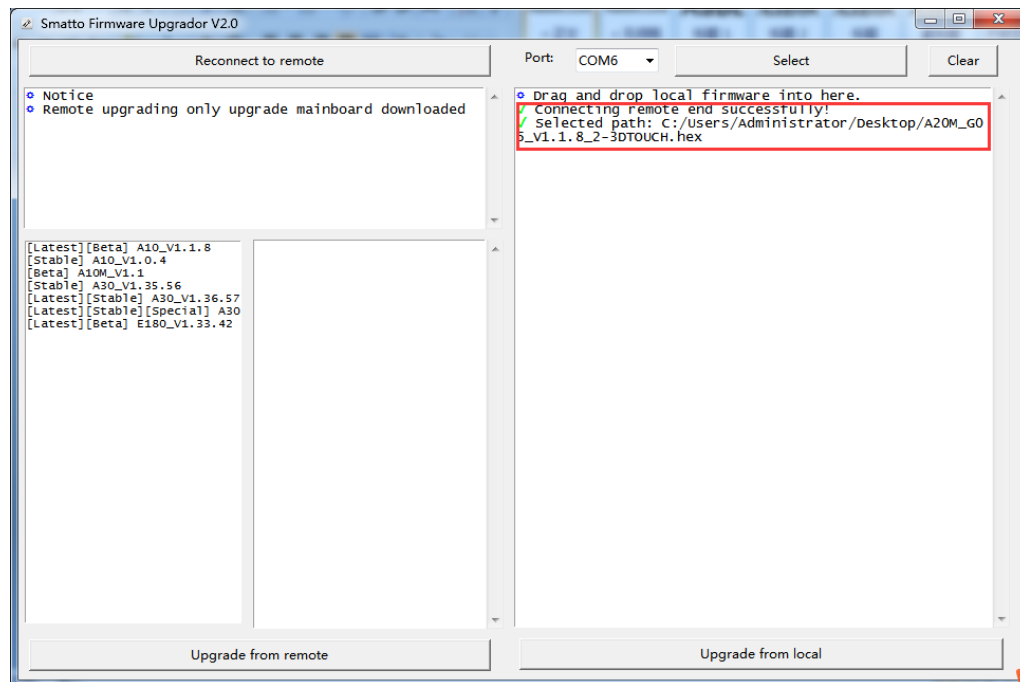
A10M: https://www.geeetech.com/download.html?download_id=31

A10T: https://www.geeetech.com/download.html?download_id=49

A20: https://www.geeetech.com/download.html?download_id=32

A20M: https://www.geeetech.com/download.html?download_id=33

A20T: https://www.geeetech.com/download.html?download_id=45



(Picture 1-6)

Finally click "Upgrade from local" and wait for the upgrade to complete. The upgrade is completed as shown in picture (1-7).

```

> avrdude.exe: AVR device initialized and ready to accept instructions
> Reading | #####
##### | 100% 0.01s
> vrdude.exe: Device signature = 0x1e9801 (probably m2560)
> avrdude.exe: NOTE: "flash" memory has been specified, an erase cycle will be performed
> To disable this feature, specify the -D option.
> avrdude.exe: erasing chip
> avrdude.exe: reading input file "C:/Users/Administrator/Desktop/A20M_G05_V1.1.8_2-3D TOUCH.hex"
> avrdude.exe: writing flash (167184 bytes):
> Writing | #####
##### | 100% 24.05s
> avrdude.exe: 167184 bytes of flash written
> avrdude.exe: verifying flash memory against C:/Users/Administrator/Desktop/A20M_G05_V1.1.8_2-3D TOUCH.hex:
> vrdude.exe: load data flash data from input file C:/Users/Administrator/Desktop/A20M_G05_V1.1.8_2-3D TOUCH.hex:
> avrdude.exe: input file C:/Users/Administrator/Desktop/A20M_G05_V1.1.8_2-3D TOUCH.hex contains 167184 bytes
> avrdude.exe: reading on-chip flash data:
> Reading | #####
##### | 100% 18.22s
> avrdude.exe: verifying ...
> avrdude.exe: 167184 bytes of flash verified
> vrdude.exe done. Thank you.

```

(Picture 1-7)