## **AIR UNIT FIRMWARE UPDATE INSTRUCTIONS**

Download the STM32Cube programmer from this page

Run SetupSTM32CubeProgrammer\_win64.exe and continue with all the default options.

Insert the USB.

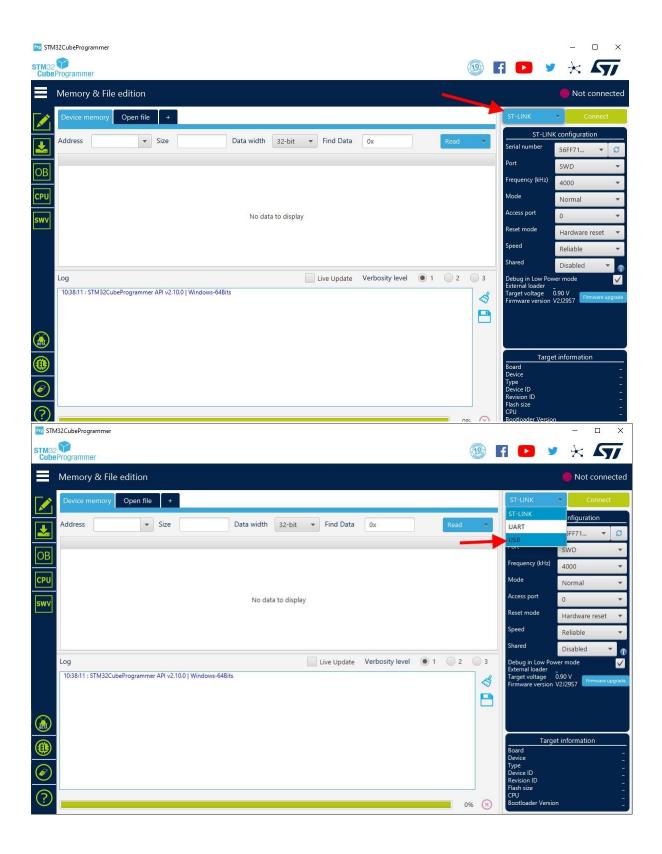
Make sure the Air Unit is not connected to power and connect it to your computer via a USB-USB cable (if your Air Unit has a mini-usb port, please connect it using a USB-miniUSB cable instead).



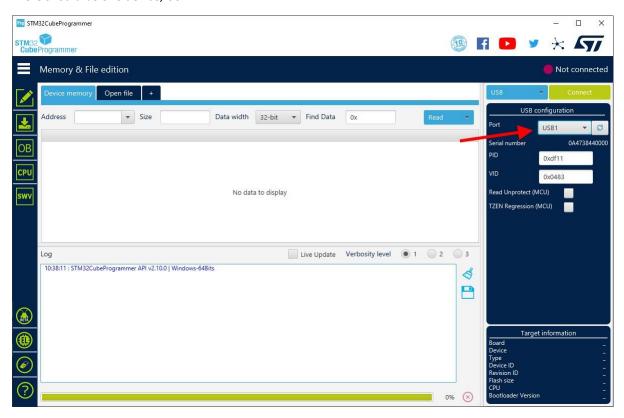


## Open STM32CubeProgrammer, it should have an icon on the Desktop

Click the blue button left of "Connect" and select USB

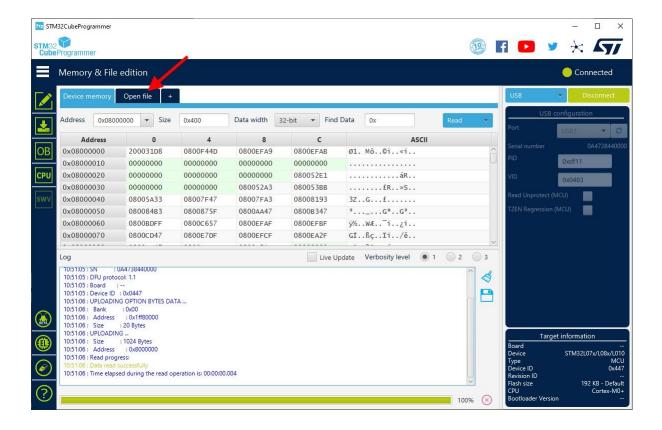


## There should be one device, USB1



Click "Connect", it should connect and display the contents of the controller Click

"Open File" (screen 9) and select the .hex file



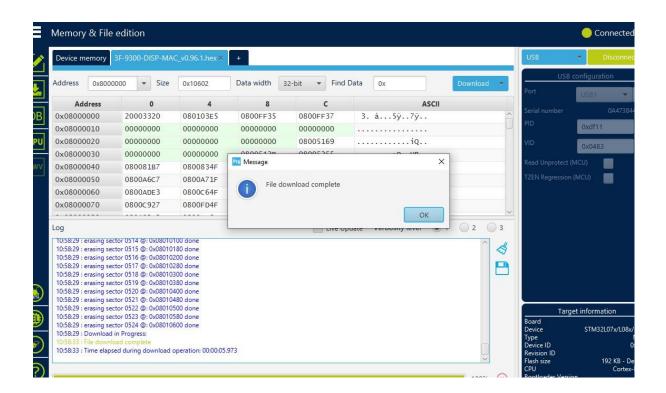
The .hex should be loaded now and you can press "Download" (screen 10) STM32CubeProgrammer \* 5 Memory & File edition Connected 3F-9300-DISP-MAC\_v0.96.1.hex × Address 0x8000000 ▼ Size 0x10602 Data width 32-bit ▼ Find Data 0x C 0x08000000 20003320 080103E5 0800FF35 0800FF37 3. å...5ÿ..7ÿ.. 00000000 00000000 00000000 00000000 0x08000010 00000000 0x08000020 00000000 00000000 08005169 .....iQ.. 0x08000030 00000000 00000000 0800512B 08005255 ....+Q..UR.. 0x08000040 080081B7 0800834F 08009563 0800A2C7 0x08000050 0800A6C7 0800A71F 0800A887 0800ACBF ç¦...§...¨..¿¬.. 0800FF3B 0x08000060 0800ADE3 0800C64F 0800FF4B ã...OÆ..;ÿ..Kÿ.. 0x08000070 08000927 0800FD4F 0800FF5B 0800FF33 'É..0ý..[ÿ..3ÿ.. Live Update Verbosity level 

1 2 3 Log 10:51:05 : Device ID : 0x0447 10:51:05: Device ID : 0x0447
10:51:06: UPLOADING OPTION BYTES DATA ...
10:51:06 : Bank : 0x00
10:51:06 : Address : 0x1ff80000
10:51:06 : Size : 20 Bytes
10:51:06 : UPLOADING ...
10:51:06 : IDE : 10:51:06 : Address : 0x8000000
10:51:06 : Size : 1:024 Bytes
10:51:06 : Address : 0x8000000 4 10:51:06 : Read progress: Target informatio 105:106 : Data read successing:
105:106 : Time elapsed during the read operation is: 00.00.00.004
105:503 : Read File: C\Users\Tech\Download\wetransfer\_problem-with-barrier\_2022-05-24\_0704\3F-9300-DISP-MAC\_v0.96.1.hex
105:638 : Number of segments: 1
10:56:38 : white of segments: 1
10:56:38 : segment[0]: address= 0x8000000, size= 0x10602

192 KB - Default Cortex-M0+

100% 🛞

It should only take a few seconds to complete



Remove the USB and connect a MOBY device. Navigate to the menu -> system information to validate the AirUnit's firmware version.