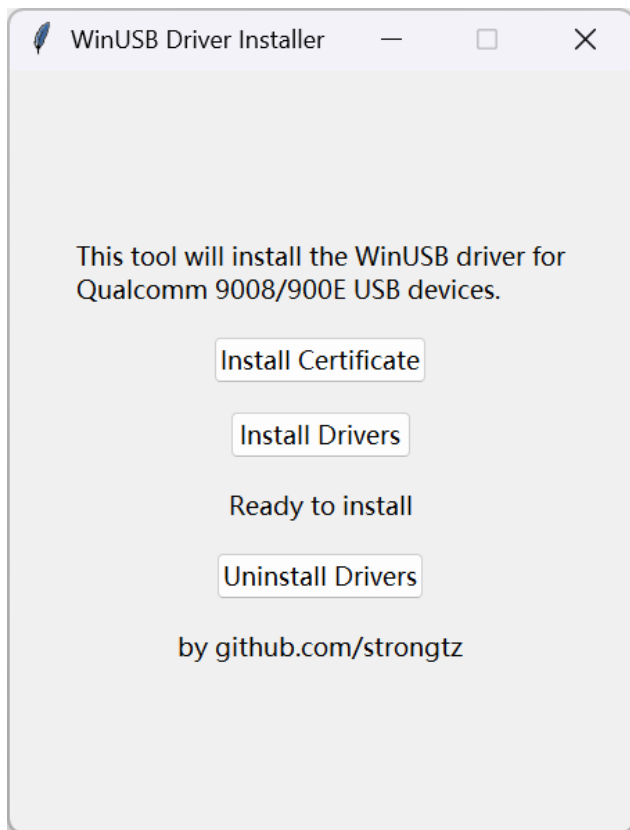


1. Plug in device, enter EDL mode
2. Run **qcom_winusb_drv_inst.exe**



Click **Install Certificate**, then click **Install Drivers**

3. Start a terminal under the current directory
4. Run the following command

```
.\edl.exe --loader=default\prog_firehose_ddr.elf --memory=spinor qfil  
rawprogram0.xml patch0.xml default
```

[illegible]

```
firehose - manufacturer_id:0
firehose - serial_num:2121967
firehose - fw_version:
firehose - mem_type:NOR
firehose - prod_name:
firehose_client - Supported functions:
-----
program,read,nop,patch,configure,setbootablestoragedrive,erase,power,firmwarewrite,getstorageinfo,benchmark,peek,poke,emmc,ufs,fixgpt,getsha256digest
firehose_client - [qfil] raw programming...
firehose_client - [qfil] programming rawprogram0.xml

[qfil] programming default\cdt.bin to partition(0)@sector(6)...
firehose -
Writing to physical partition 0, sector 6, sectors 1
modules
modules - [LIB]: 'logger' object has no attribute 'loglevel'
Progress: |██████████| 100.0% Write (Sector 0x1 of 0x1, ) 7.74 MB/s

[qfil] programming default\xbl.elf to partition(0)@sector(52)...
firehose -
Writing to physical partition 0, sector 52, sectors 203
Progress: |██████████| 100.0% Write (Sector 0xCA of 0xCA, ) 112.61 MB/s

[qfil] programming default\XblRamdump.elf to partition(0)@sector(308)...
firehose -
Writing to physical partition 0, sector 308, sectors 48
Progress: |██████████| 100.0% Write (Sector 0x2F of 0x2F, ) 124.76 MB/s

[qfil] programming default\xbl_config.elf to partition(0)@sector(372)...
firehose -
Writing to physical partition 0, sector 372, sectors 81
Progress: |██████████| 100.0% Write (Sector 0x50 of 0x50, ) 155.90 MB/s

[qfil] programming default\uefi.elf to partition(0)@sector(500)...
firehose -
Writing to physical partition 0, sector 500, sectors 1154
Progress: |██████████| 100.0% Write (Sector 0x481 of 0x481, ) 0.03 MB/s

[qfil] programming default\apop.mbn to partition(0)@sector(1780)...
firehose -
Writing to physical partition 0, sector 1780, sectors 50
Progress: |██████████| 100.0% Write (Sector 0x31 of 0x31, ) 190.90 MB/s

[qfil] programming default\tz.mbn to partition(0)@sector(1844)...
firehose -
Writing to physical partition 0, sector 1844, sectors 1018
Progress: |██████████| 75.5% Write (Sector 0x300 of 0x3F9, 04s left) 0.07 MB/s
```