

Application Note

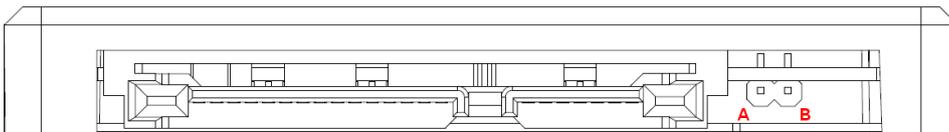
Firmware Update How-to (using jumper)

Note:

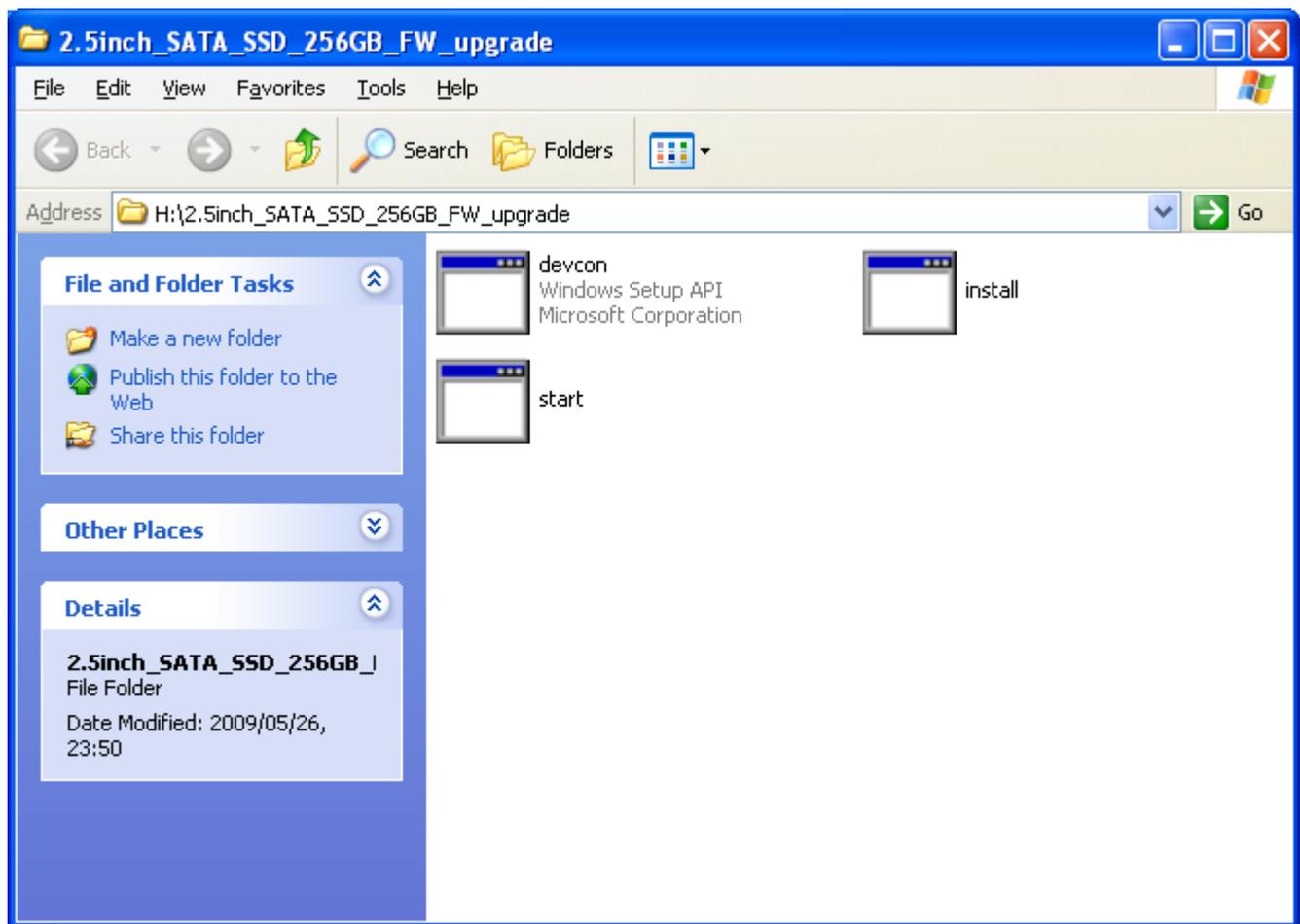
- a. The FW upgrade program works in Windows XP and Vista only.
- b. The FW upgrade program cannot work on AHCI/SCSI/RAID/PATA to SATA Bridge host controller.
- c. The SSD data is fully erased
- d. The FW upgrade program cannot work for O.S boot drive.

FW Upgrade Procedure for SATA SSD:

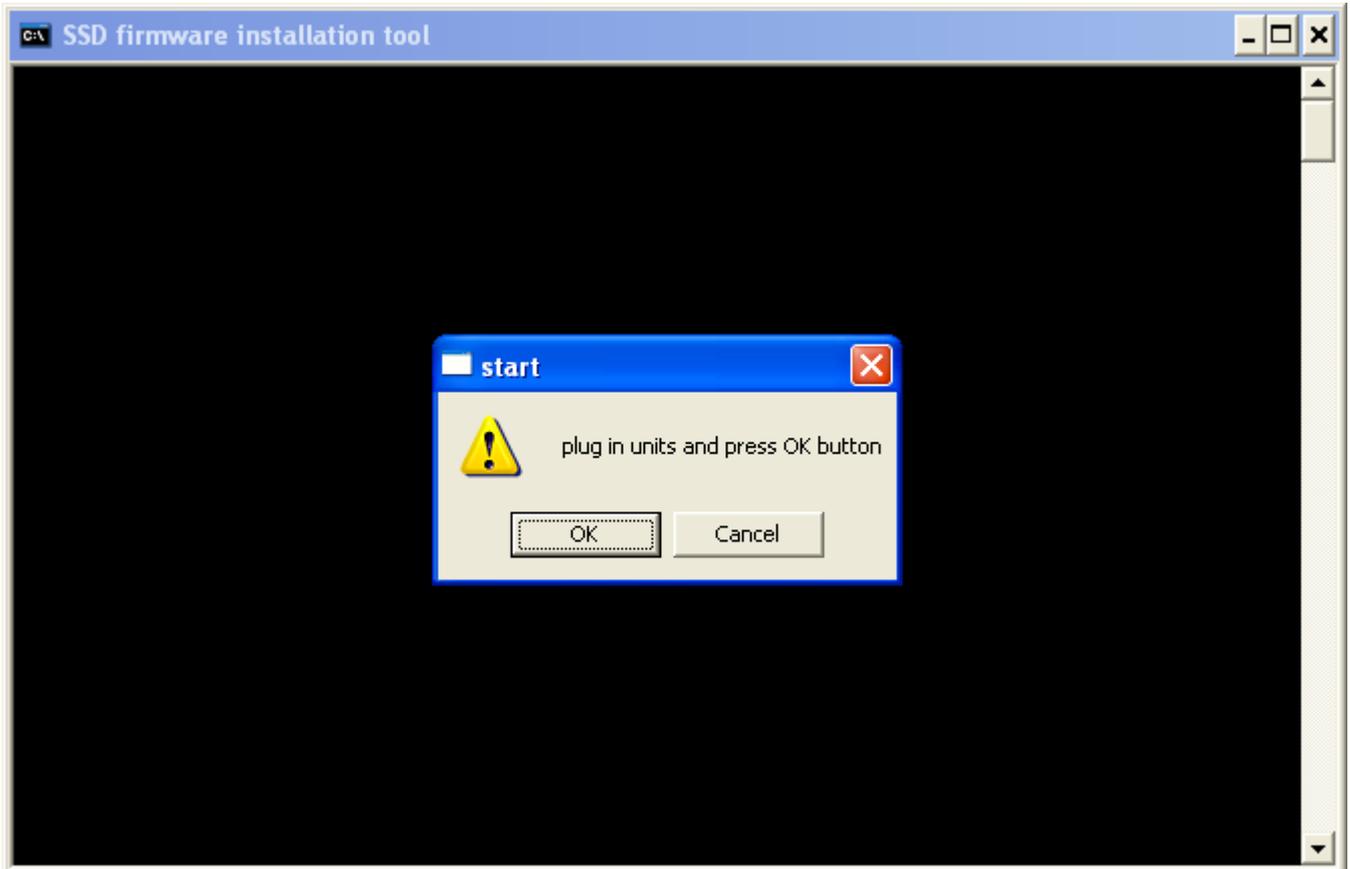
Step1. Prepare SSD to go back factory default mode. Power off your computer or desktop and please using jumper to short A-B for FW upgrade.



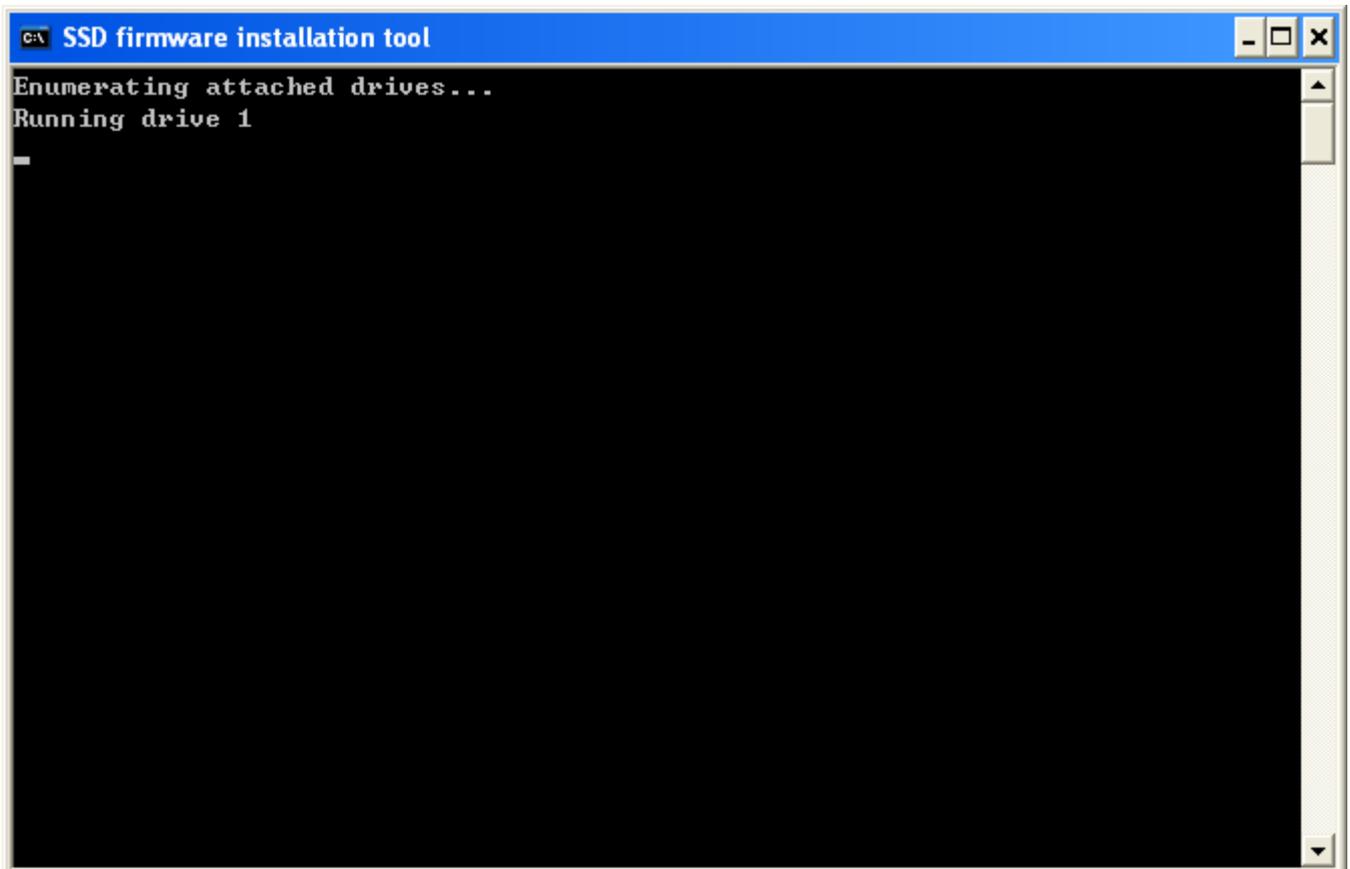
Step2. The following figure shows the FW upgrade program. There are 3 files for FW upgrade program.



Step3. Double click “start.exe” and wait until to see a message below. You may plug in SSD after this message. Click “OK”.

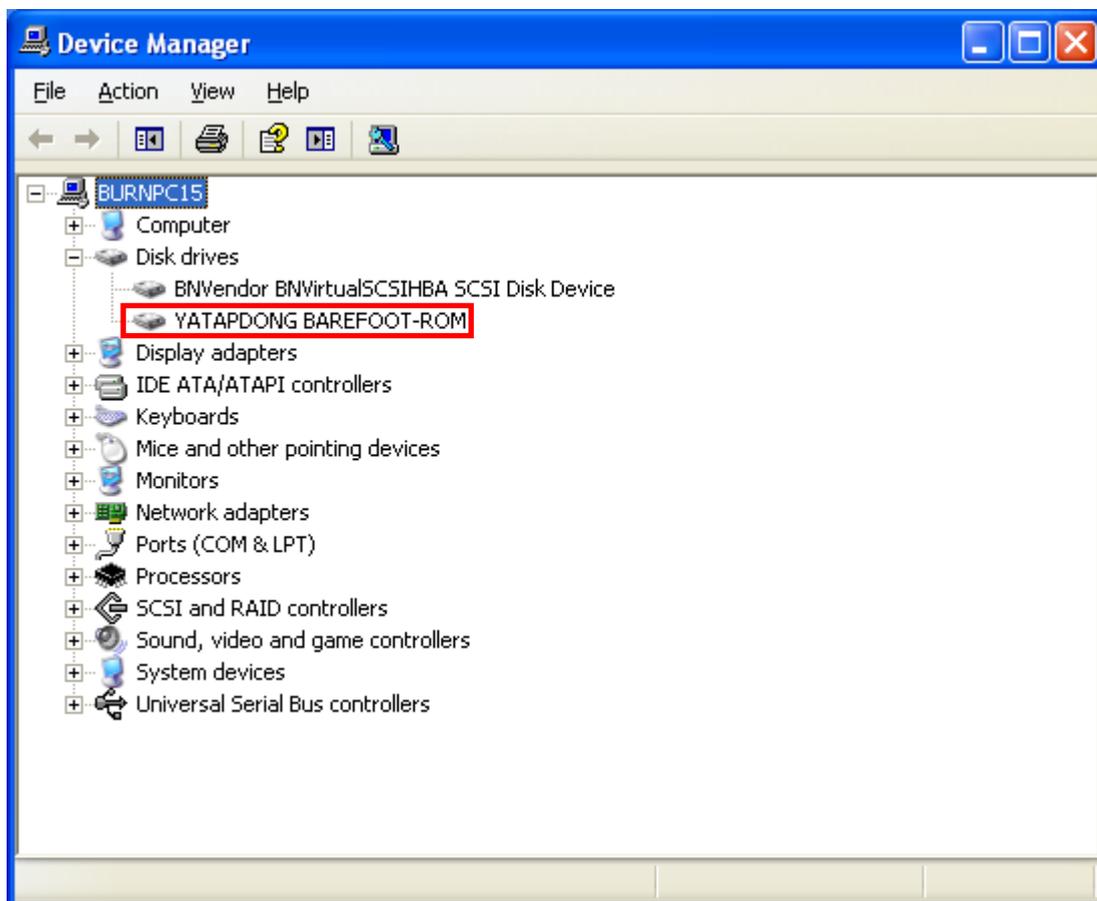


Step4. Shortly, F/W download will proceed and you will see following progress. This is the case of 256GB drive, so display message will be different for capacity.



```
c:\ 1-IDLX-YATOP-091710001
bank 09<B2>..NOT blank
bank 10<C2>..NOT blank
bank 11<D2>..NOT blank
bank 12<A3>..NOT blank
bank 13<B3>..NOT blank
bank 14<C3>..NOT blank
bank 15<D3>..NOT blank
WARNING: The NAND Flash is not clean <being reworked> !!!
scan list found on bank 0=A0
scan list found on bank 1=B0
scan list found on bank 2=C0
scan list found on bank 3=D0
scan list found on bank 4=A1
scan list found on bank 5=B1
scan list found on bank 6=C1
scan list found on bank 7=D1
scan list found on bank 8=A2
scan list found on bank 9=B2
scan list found on bank 10=C2
scan list found on bank 11=D2
scan list found on bank 12=A3
scan list found on bank 13=B3
scan list found on bank 14=C3
scan list found on bank 15=D3
erasing NAND Flash for rework...425
```

If program cannot find SSD drive, please go to Device Manager to check if you can find “YATAPDONG BAREFOOT-ROM”



Step5. Follow the message. Please click “OK”.

```
1-IDLX-YATOP-091710001
bank 12(A3)..NOT blank
bank 13(B3)..NOT blank
bank 14(C3)..NOT blank
bank 15(D3)..NOT blank
WARNING: The NAND Flash is not clean <being reworked> !!!
scan list found on bank 0=A0
scan list found on bank 1=B0
scan list found on
scan list found on bank 10=C2
scan list found on bank 11=D2
scan list found on bank 12=A3
scan list found on bank 13=B3
scan list found on bank 14=C3
scan list found on bank 15=D3
erasing NAND Flash for rework...done

firmware installation complete
```



Step6. After all went good, final message is displayed. After clicking “OK”, you will be guided back to Step3. To exit program, click “Cancel”. Please power off your computer and remove “jumper”.

```
SSD firmware installation tool
Enumerating attached drives...
Running drive 1
0 hours, 1 minutes, 36 seconds
```



SSD firmware installation tool

```
Enumerating attached drives...  
Running drive 1  
0 hours, 1 minutes, 36 seconds
```

