

TorqX

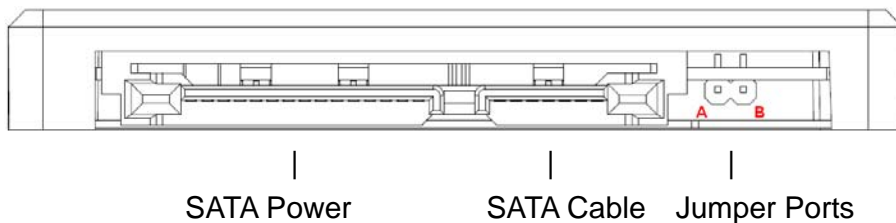
Firmware Upgrade How-to
(Using jumper method)

IMPORTANT NOTES:

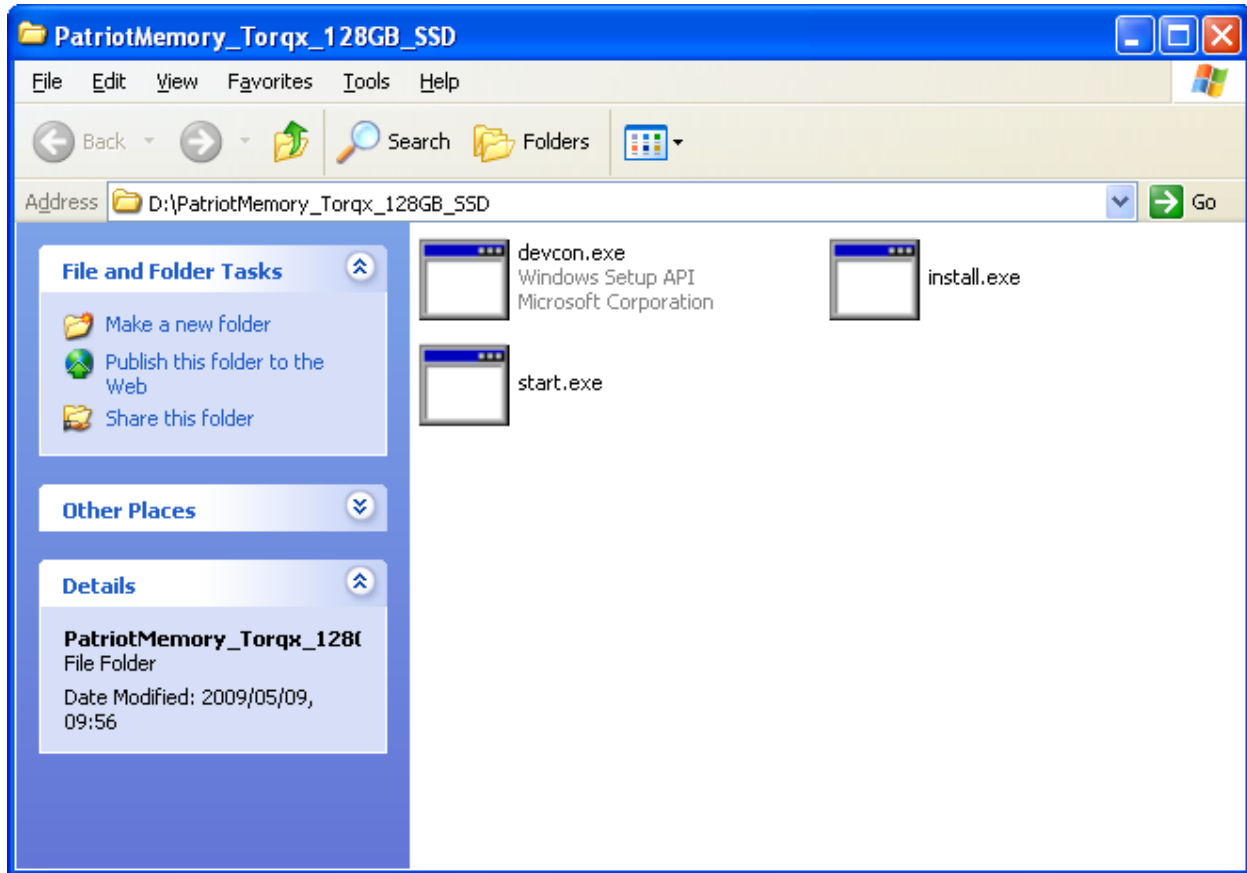
- a. This update will **only** work for Patriot Torqx drives (non M28 version). Patriot Memory is not responsible for any damage to any other Patriot SSD Drive (i.e.; Patriot Torqx M28, Patriot Warp), or any other hard drive.
- b. The F/W upgrade program works in Windows XP, Vista® and Windows 7 only.
- c. **All SSD data on the drive will be fully erased.** Please back up data on the drive to another source before beginning the upgrade.
- d. The F/W upgrade program cannot work within the O.S boot drive and must be done as a secondary drive.
- e. Each capacity of Patriot Torqx has its own set of files. Please make sure to download and use the files that match the capacity of your drive (1e; 64GB, 128GB and 256GB).
- f. For best results, disable AHCI and use SATA Ports 1 or 2. The F/W upgrade program will not work on a AHCI/SCSI/RAID/PATA to SATA Bridge host controller.

FIRMWARE UPGRADE PROCEDURE FOR SATA SSD:

Step1. To prepare the SSD back to factory default mode; Power off your computer, **DO NOT** plug in the SATA cable yet. Plug in the jumper to short A-B to begin F/W upgrade. After the jumper is installed, you may now plug in the SATA cable and cord to the motherboard.

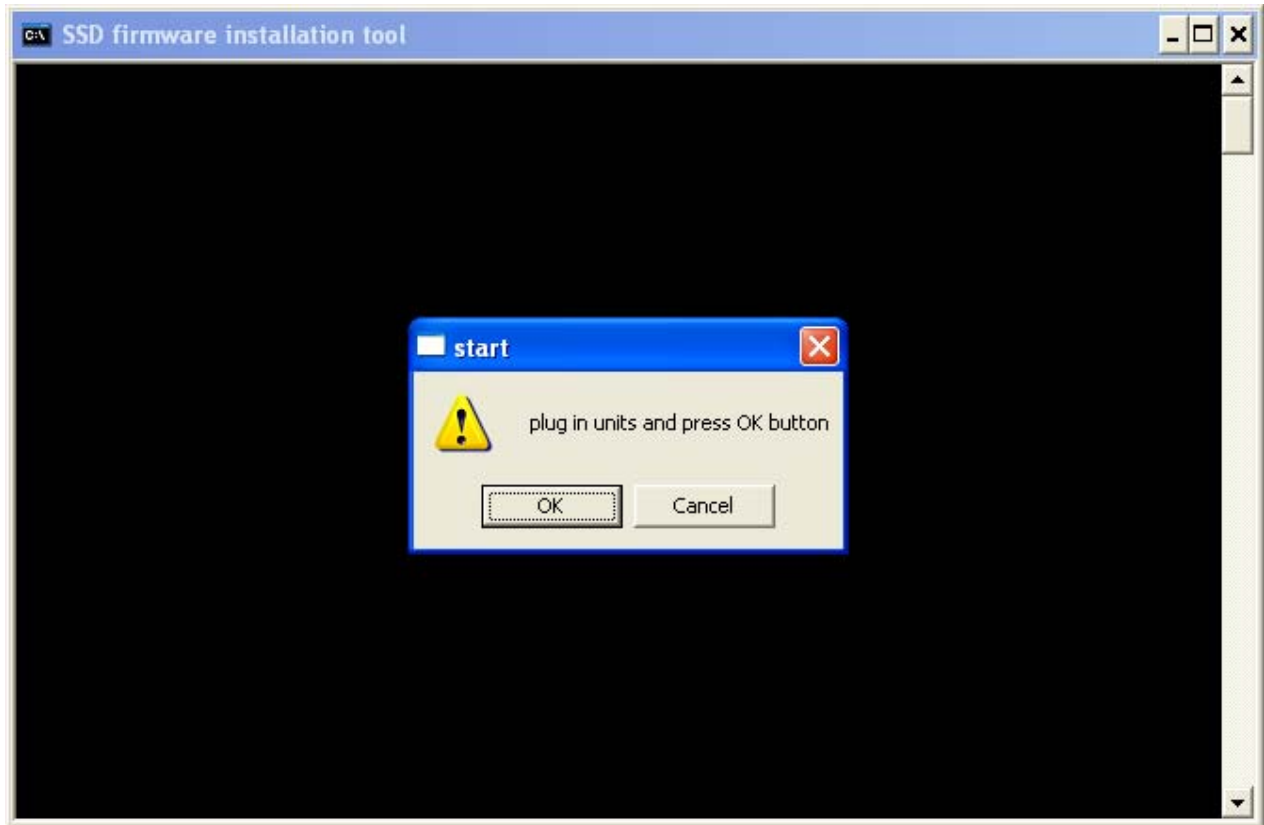


Step2. The following figure shows the F/W upgrade program. There are 3 files for the F/W upgrade program; devcon.exe, install.exe and start.exe.

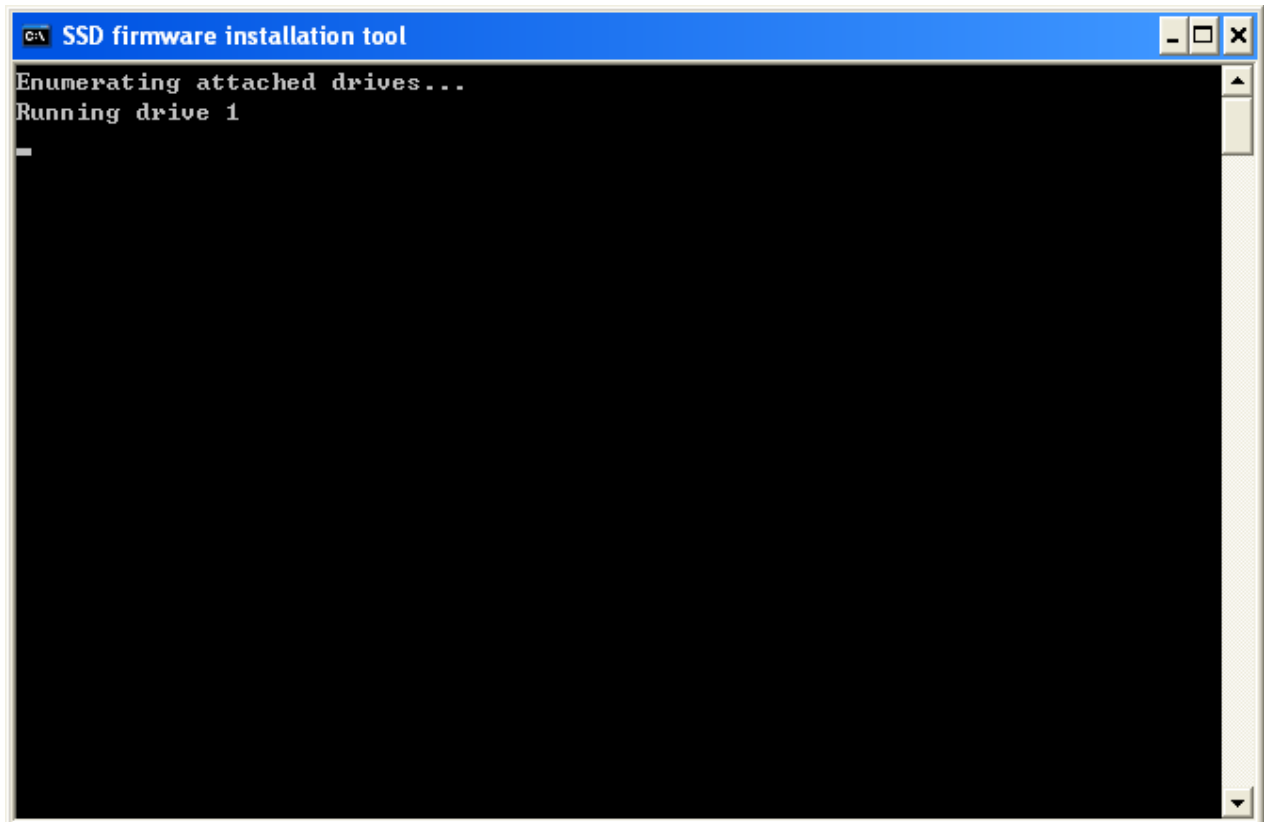


Run "start.exe" and at "start" prompt screen, click "OK" to begin.

(Note: **For Vista** user control might need to be turned off, right click and run as administrator)

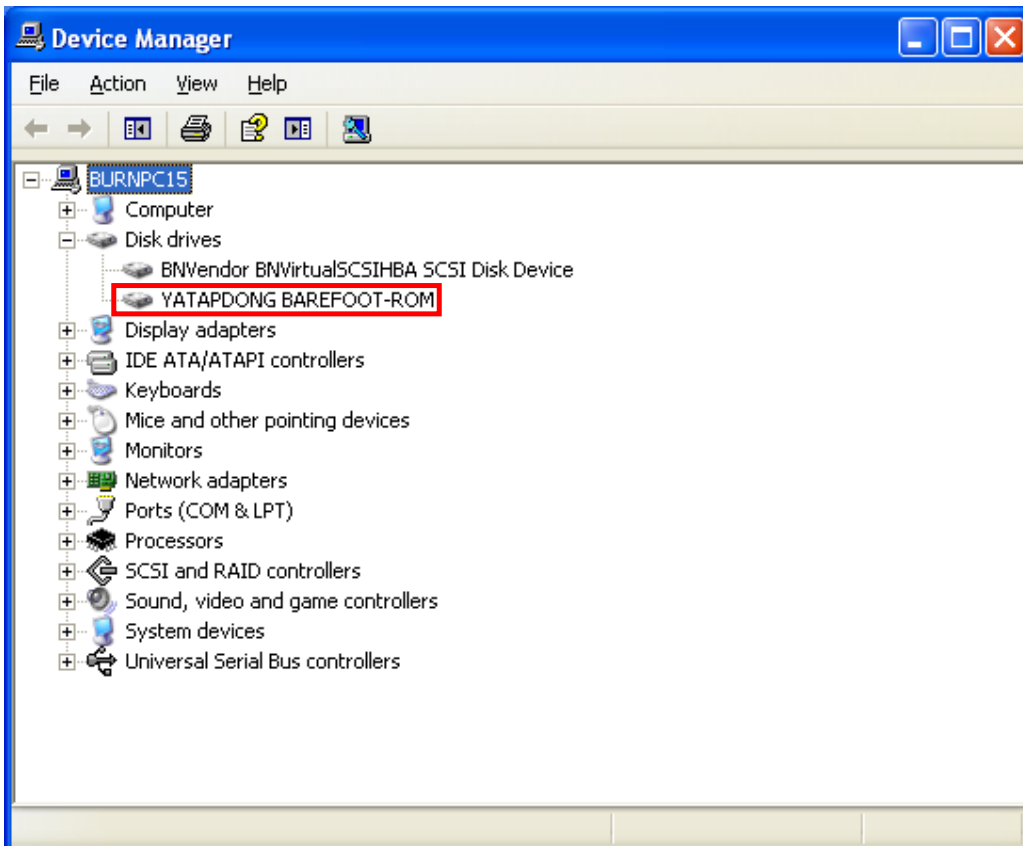


Shortly, F/W download will begin and the following progress bar will appear.

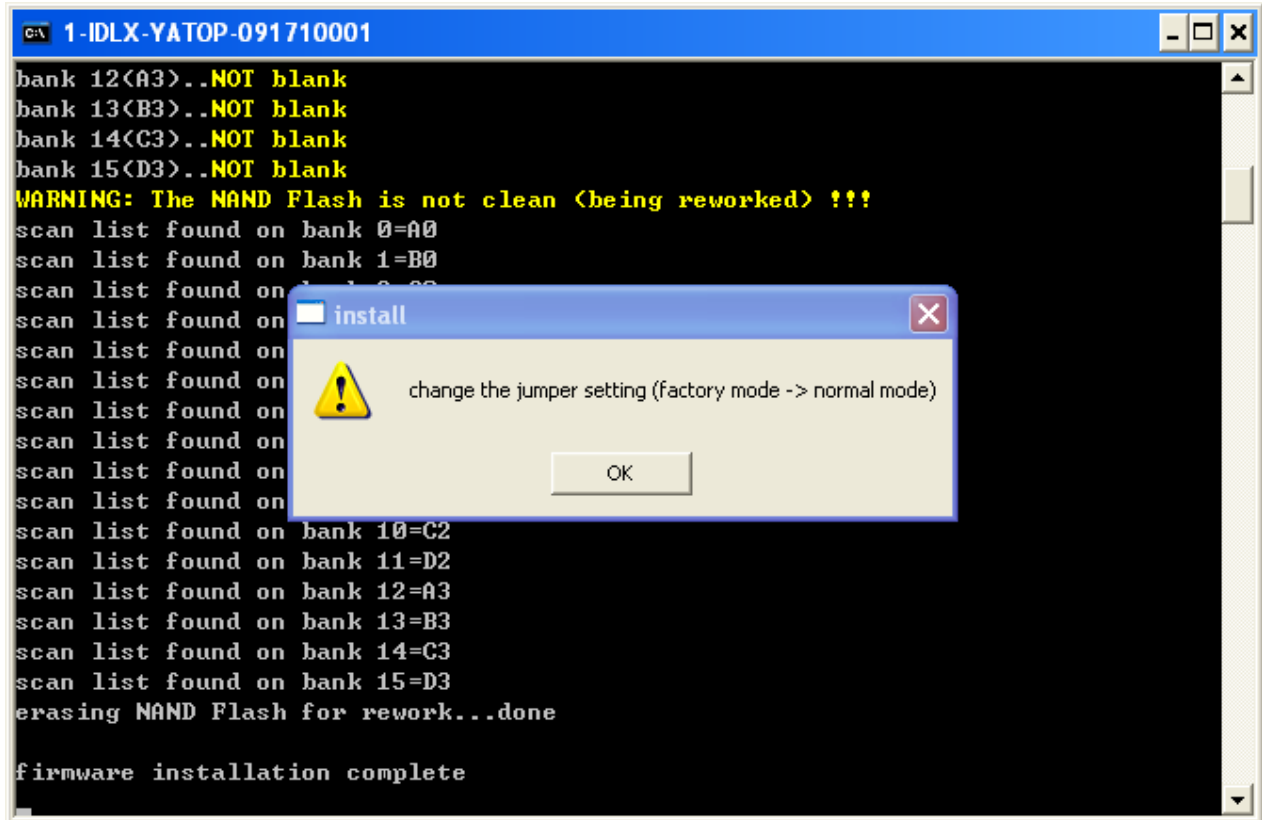


```
1-IDLX-YATOP-091710001
bank 09<B2>..NOT blank
bank 10<C2>..NOT blank
bank 11<D2>..NOT blank
bank 12<A3>..NOT blank
bank 13<B3>..NOT blank
bank 14<C3>..NOT blank
bank 15<D3>..NOT blank
WARNING: The NAND Flash is not clean (being reworked) !!!
scan list found on bank 0=A0
scan list found on bank 1=B0
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
```

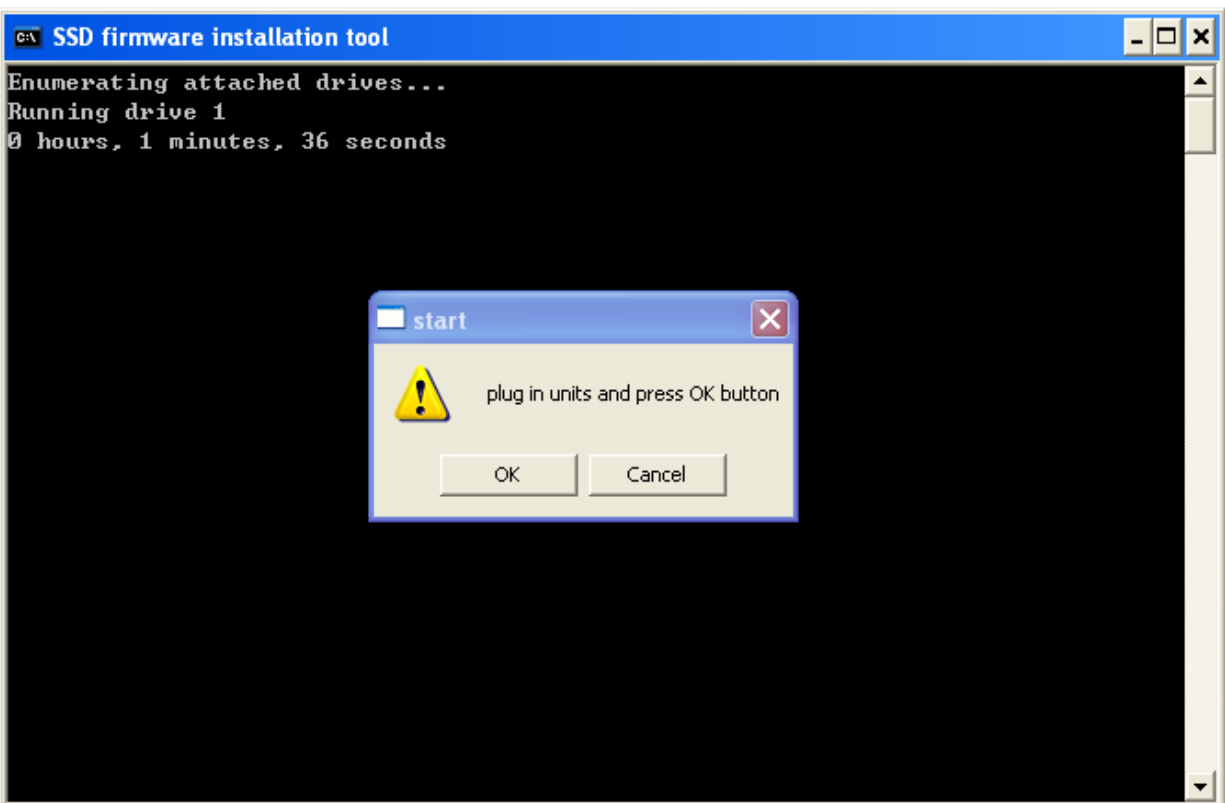
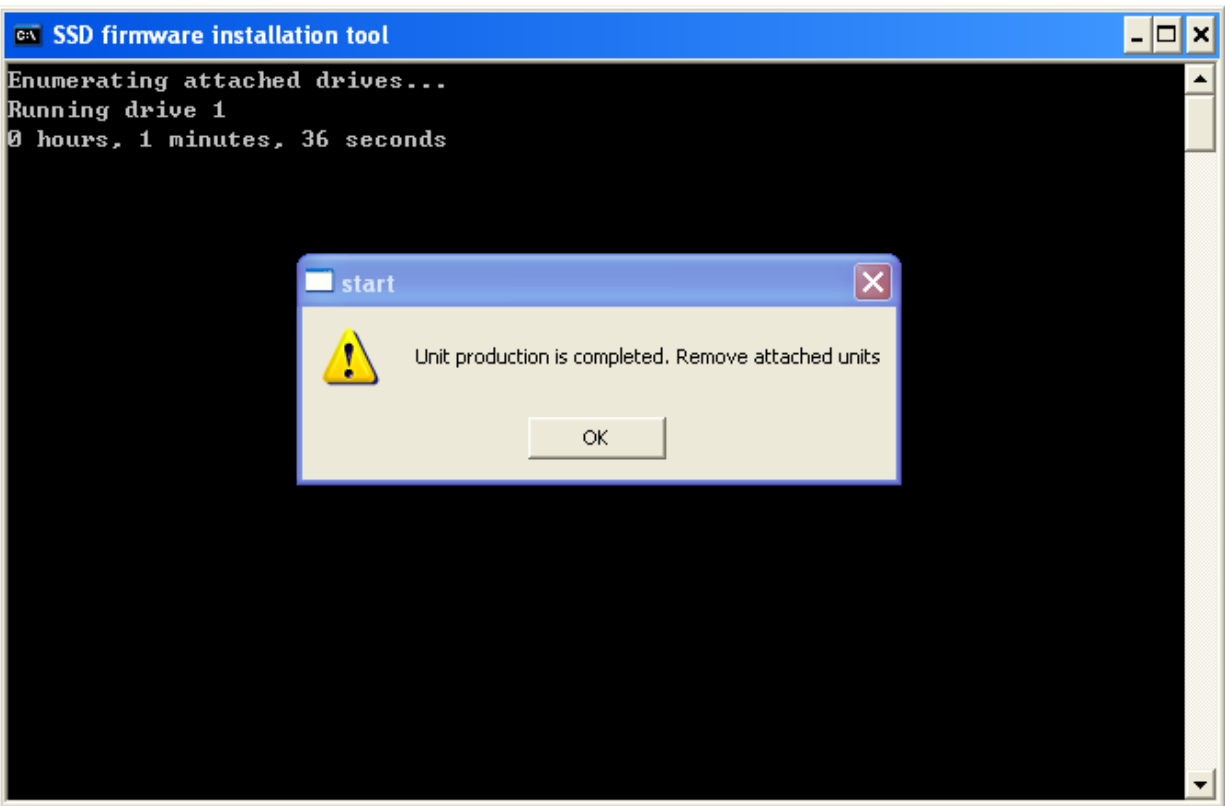
If program cannot find the SSD drive, go to Device Manager to look for “YATAPDONG BAREFOOT-ROM”



Once the "install" message appears, click "OK".



Step3. If firmware upgrade is successful, there will be one final message displayed. After clicking “OK”, you will be guided back to Step2. To exit program, click “Cancel”. Please power off your computer and remove “jumper.”



If any problems occur during the firmware upgrade, please contact support@patriotmem.com for assistance.