



How to made a DOS Bootable USB Stick and flash your Vbios

Please note: The Vbios is for VAPOR-X HD5770 1G GDDR5 PCI-E DUAL DVI-I / HDMI
/ DP OC VERSION.

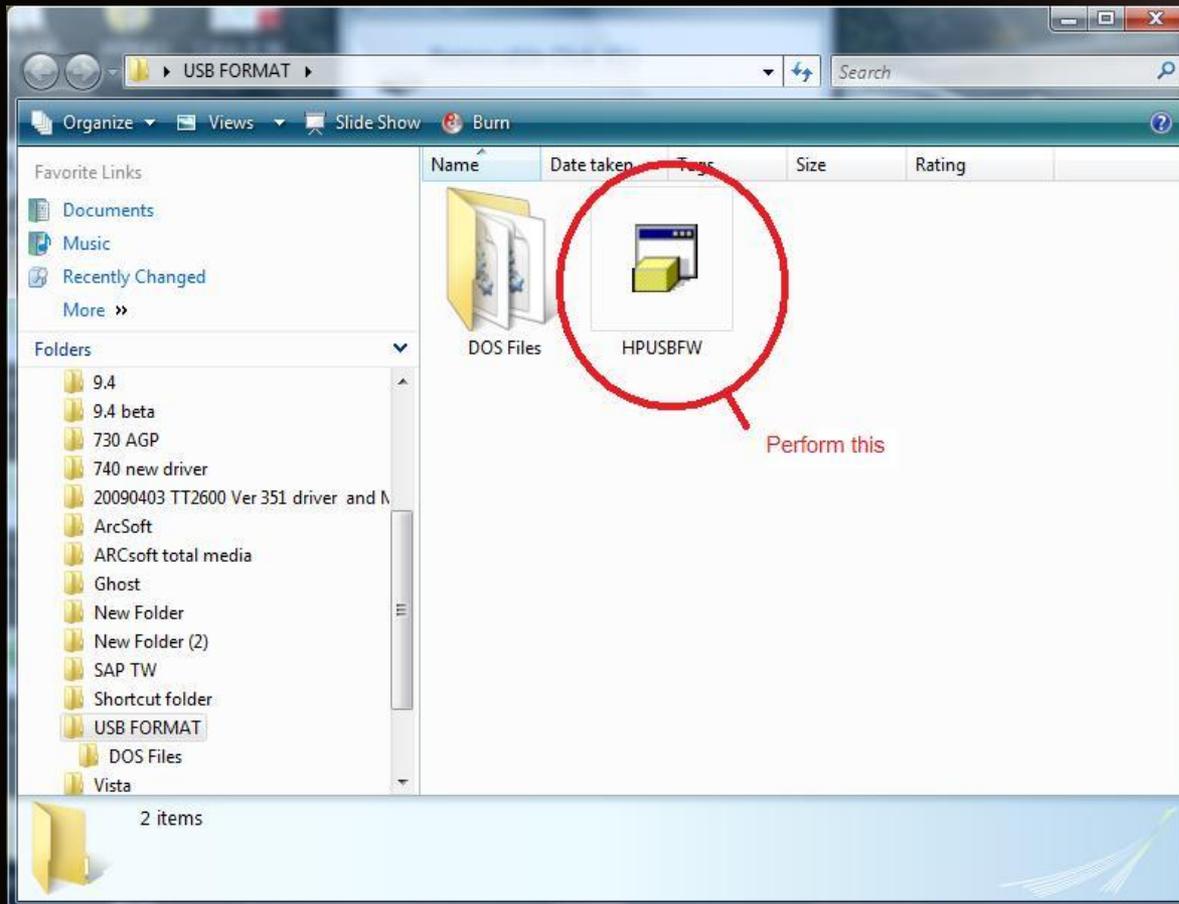
Before doing this, please backup your original USB stick files

Performance is our Passion....

Step-1



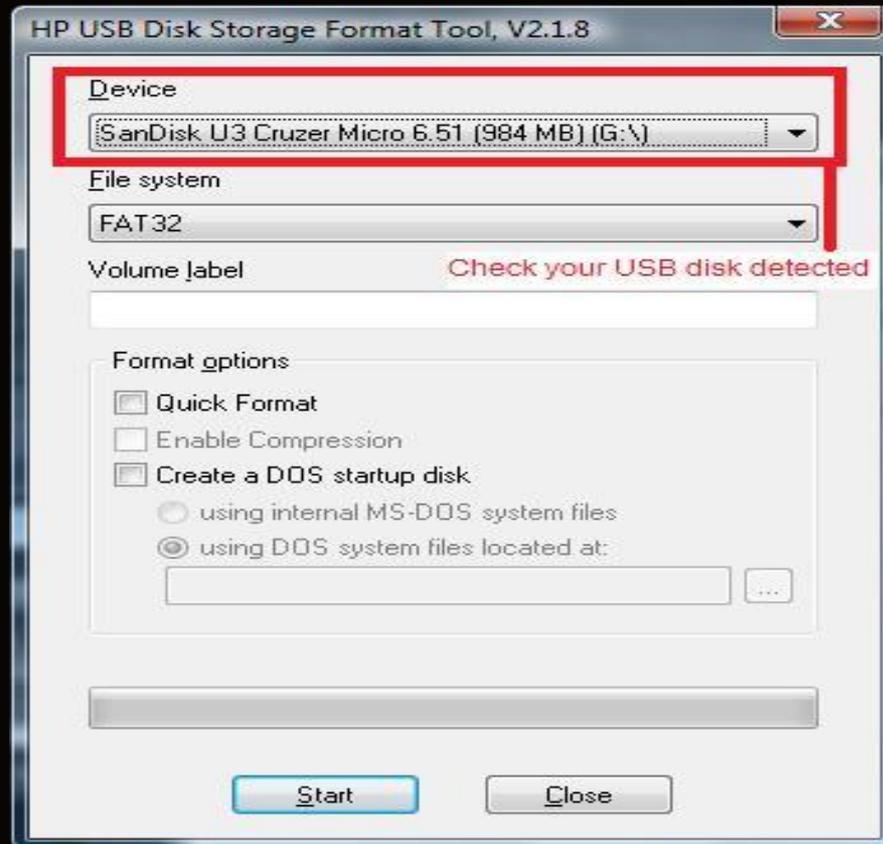
- Unzip “68.rar” file. You can see as follow picture
- Here is the file link: http://www.sapphiretech.com/global/lib_files/68.rar



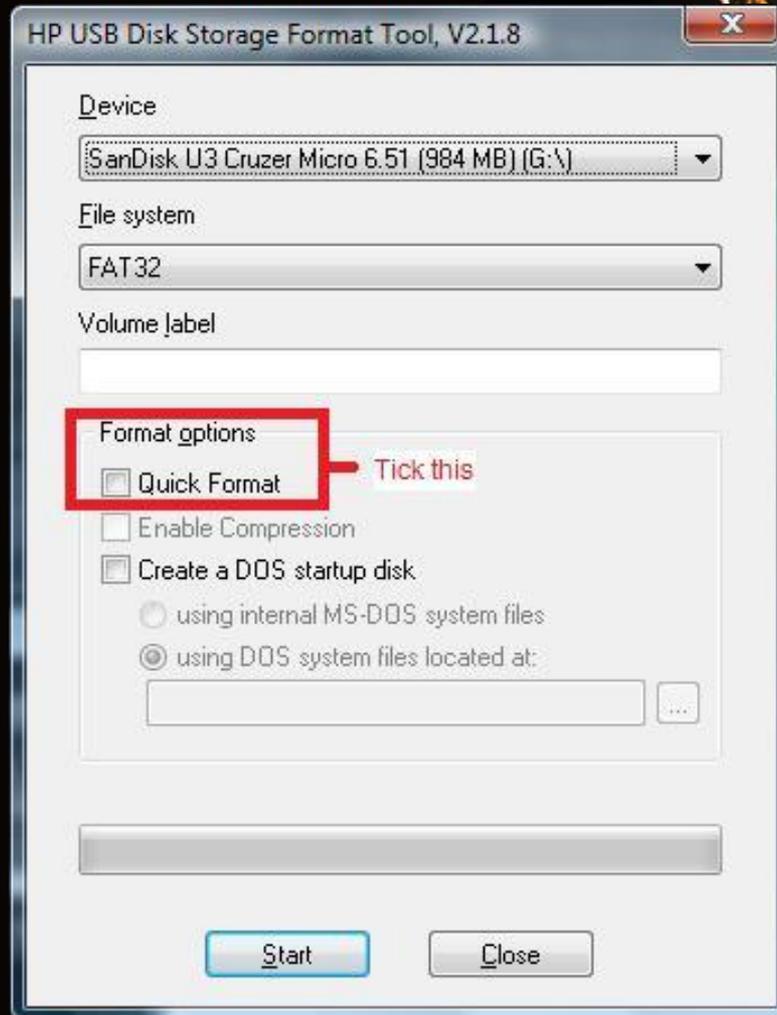
Step-2



- Connect your USB stick and perform the **HPUSBFW** program
- Check your USB stick has been detected.



Step-3



Step-4



HP USB Disk Storage Format Tool, V2.1.8

Device
SanDisk U3 Cruzer Micro 6.51 (984 MB) (G:\)

File system
FAT32

Volume label

Format options

- Quick Format
- Enable Compression
- Create a DOS startup disk
 - using internal MS-DOS system files
 - using DOS system files located at:
 

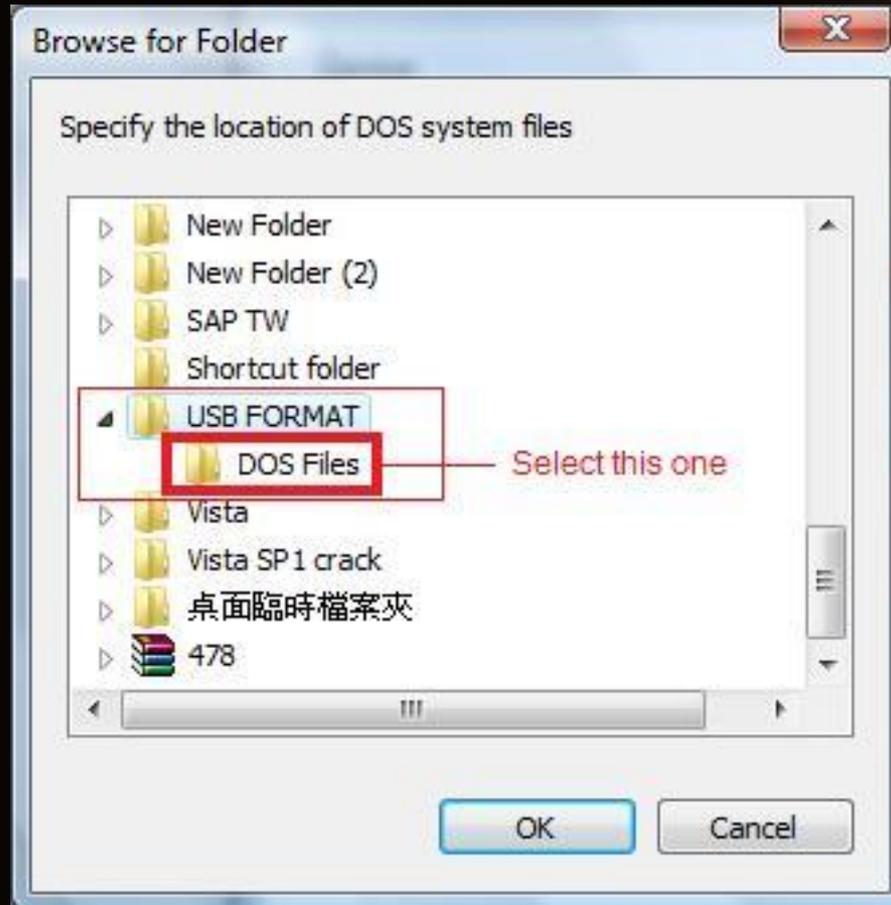
Assign the DOS system files path

Start Close

Step-5



- Assign the “DOS files” path from your USB FORMAT folder



Step-6



HP USB Disk Storage Format Tool, V2.1.8

Device
SanDisk U3 Cruzer Micro 6.51 (984 MB) (G:\) ✓

File system
FAT32

Volume label
[Empty text box]

Format options

Quick Format ✓

Enable Compression

Create a DOS startup disk ✓

using internal MS-DOS system files

using DOS system files located at:
C:\Users\ericlin.SAPPHIRE-TWDC01\Desktop ✓

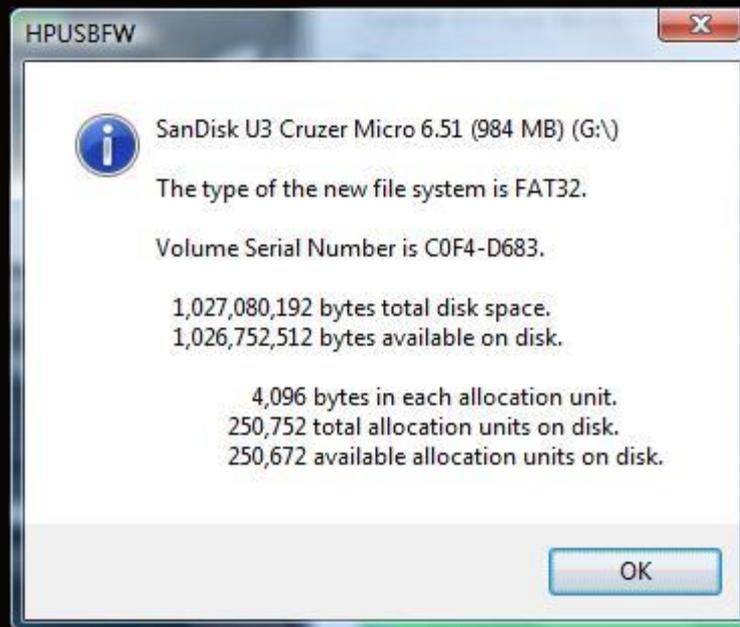
[Progress bar]

Format your USB disk

Step-7



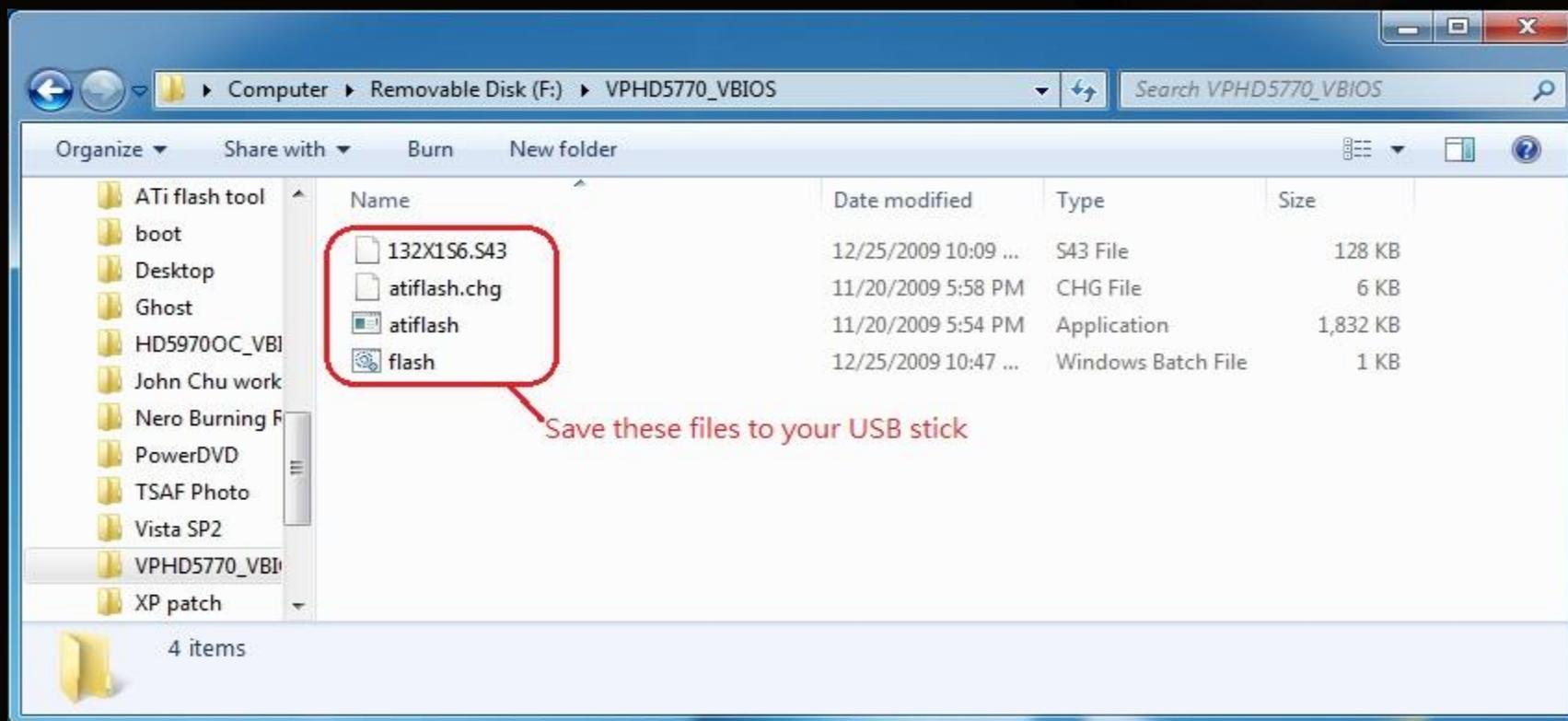
- After format your USB Stick you will see this information



Step-8



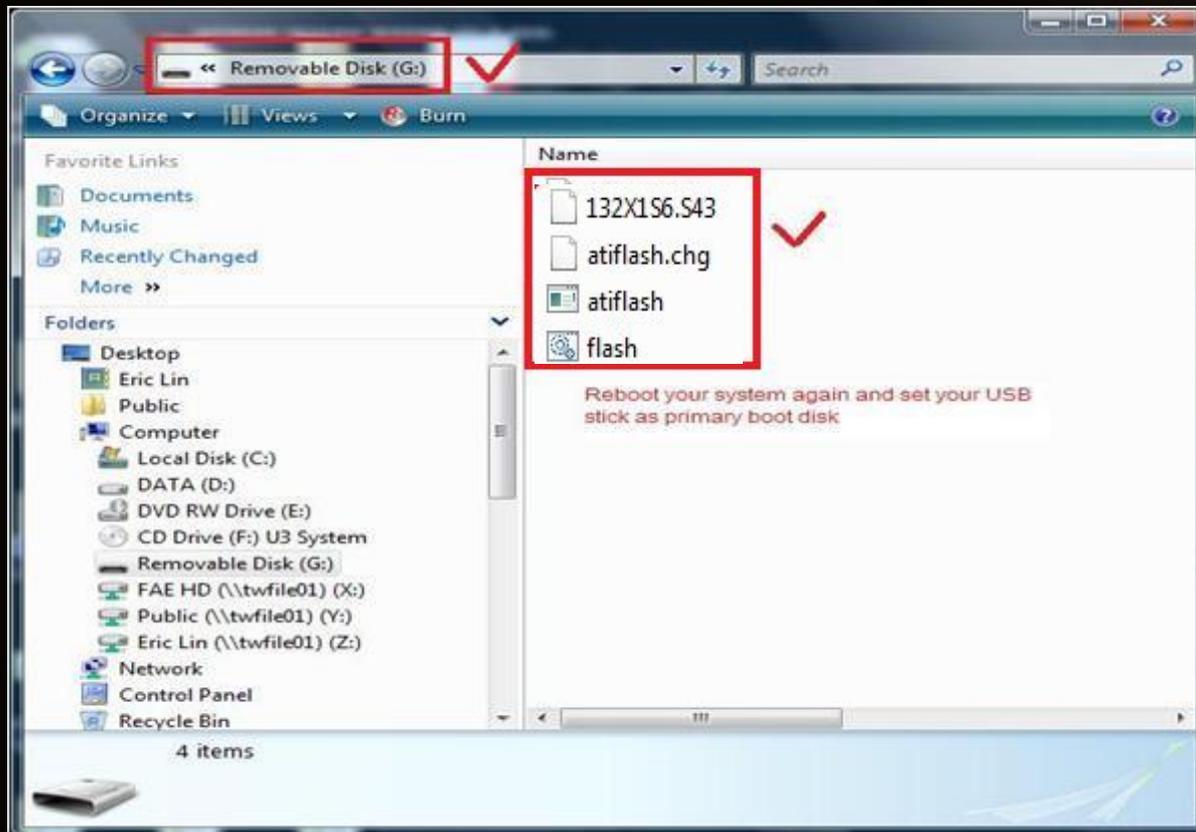
- Unzip file and open the flash folder. You will see the file as below link –
- http://www.sapphiretech.com/archive/drivers/vapor-X_HD5770_VBIOS_update_633973387407661250.zip
- Card SKU: **11163-00** ; Card P/N : 288-7D132-000SA , Card memory : Samsung



Step-9



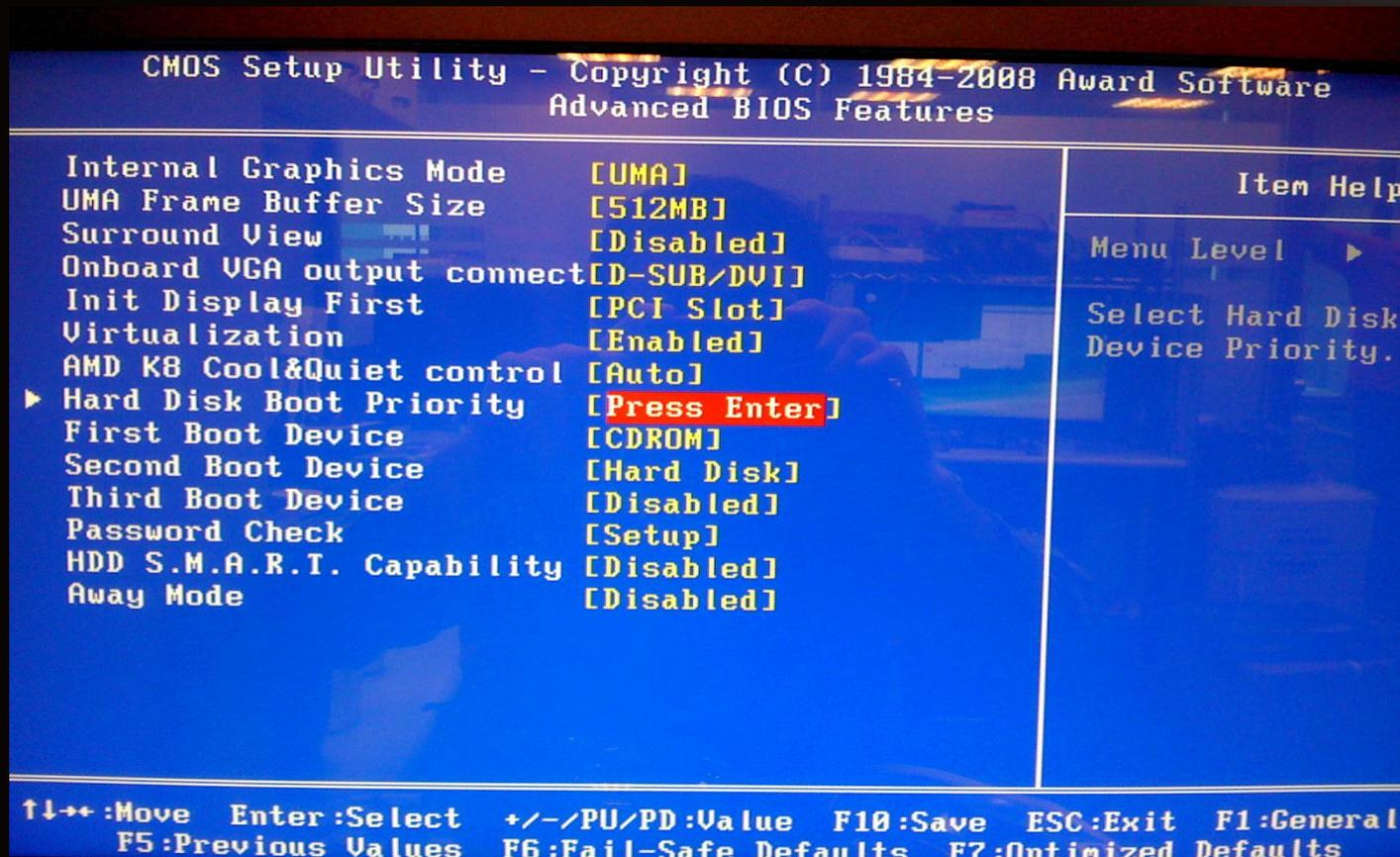
- Save these files into your USB stick directly and reboot your system again through this USB Stick



Step-11



- Looking for “ **Hard Disk Boot Priority**” and select it.



Step-12



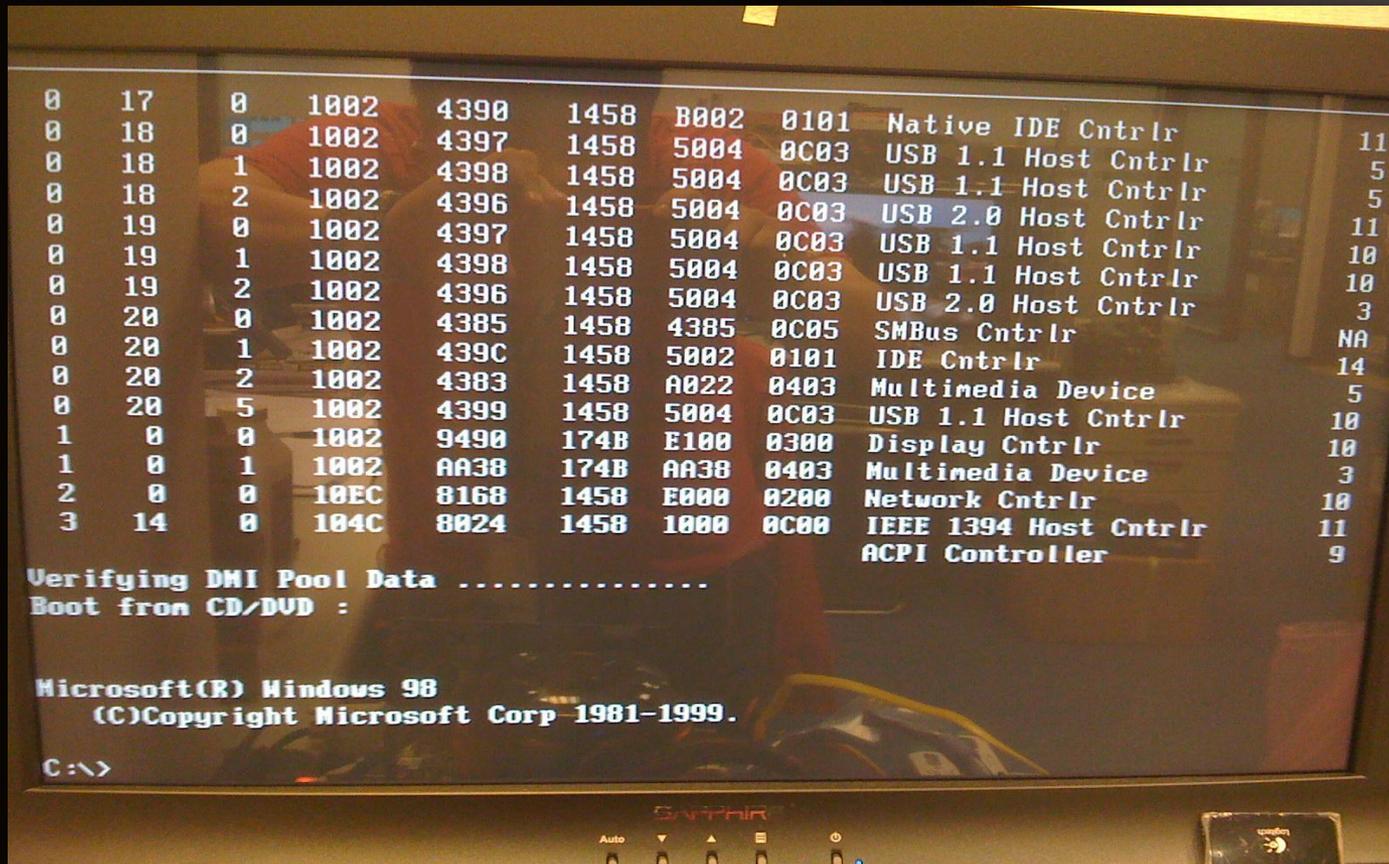
- Change your first hard disk boot priority to your **USB stick name**, save and reboot again. It will automatically enter DOS mode.



Step-13



- You will see this screen shot as follow



Step-14



- Type “flash” command as follow and it will automatically flash for you.

```
C:\UPHD57~1>dir

Volume in drive C has no label
Volume Serial Number is B4E2-D0F2
Directory of C:\UPHD57~1

.                <DIR>                12-25-09  10:47a
..               <DIR>                12-25-09  10:47a
132X1S6  S43                131,072   12-25-09  10:09a
ATIFLASH CHG                6,130    11-20-09   5:58p
ATIFLASH EXE            1,875,456 11-20-09   5:54p
FLASH    BAT                55       12-25-09  10:47a
          4 file(s)          2,012,713 bytes
          2 dir(s)         2,608.98 MB free

C:\UPHD57~1>flash_
```

Step-15



- After flash your vbios and reboot, please reinstall card driver and reboot again.

```
C:\UPHD57~1>atiflash -s 0 old.bin
0x20000 bytes saved, checksum = 0x1994

C:\UPHD57~1>atiflash -p 0 132X1S6.S43 -f
Old SSID: D132
New SSID: D132
Old P/N: 113-C01001-X003
New P/N: 113-C01001-X003
Old DeviceID: 68B8
New DeviceID: 68B8
Old Product Name: JUNIPER BIOS UCODEv:122
New Product Name: JUNIPER BIOS UCODEv:122
Old BIOS Version: 012.013.000.001.034705
New BIOS Version: 012.013.000.001.034705
Flash type: PM25LV010
20000/20000h bytes programmed
20000/20000h bytes verified

Restart System To Complete VBIOS Update.

C:\UPHD57~1>
```

Check the SP



TechPowerUp GPU-Z 0.3.8

Graphics Card | Sensors | Validation

Name	ATI Radeon HD 5700 Series		
GPU	Juniper	Revision	N/A
Technology	40 nm	Die Size	170 mm ²
Release Date	Oct 13, 2009	Transistors	1040M
BIOS Version	VER012.013.000.001.034705		
Device ID	1002 - 6888	Subvendor	Sapphire/PCPartner (1748)
ROPs	16	Bus Interface	PCI-E 2.0 x16 @ x8 2.0
Shaders	800 Unified	DirectX Support	11.0 / SM5.0
Pixel Fillrate	13.8 GPixel/s	Texture Fillrate	34.4 GTexel/s
Memory Type	GDDR5	Bus Width	128 Bit
Memory Size	1024 MB	Bandwidth	76.8 GB/s
Driver Version	atiudag 8.14.10.0716 (Catalyst 9.12) / Win7 64		
GPU Clock	860 MHz	Memory	1200 MHz
Default Clock	850 MHz	Memory	1200 MHz
ATI CrossFire	Disabled		
Computing	<input type="checkbox"/> OpenCL	<input type="checkbox"/> CUDA	<input type="checkbox"/> PhysX <input checked="" type="checkbox"/> DirectCompute 5.0

ATI Radeon HD 5700 Series

Close