



# 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

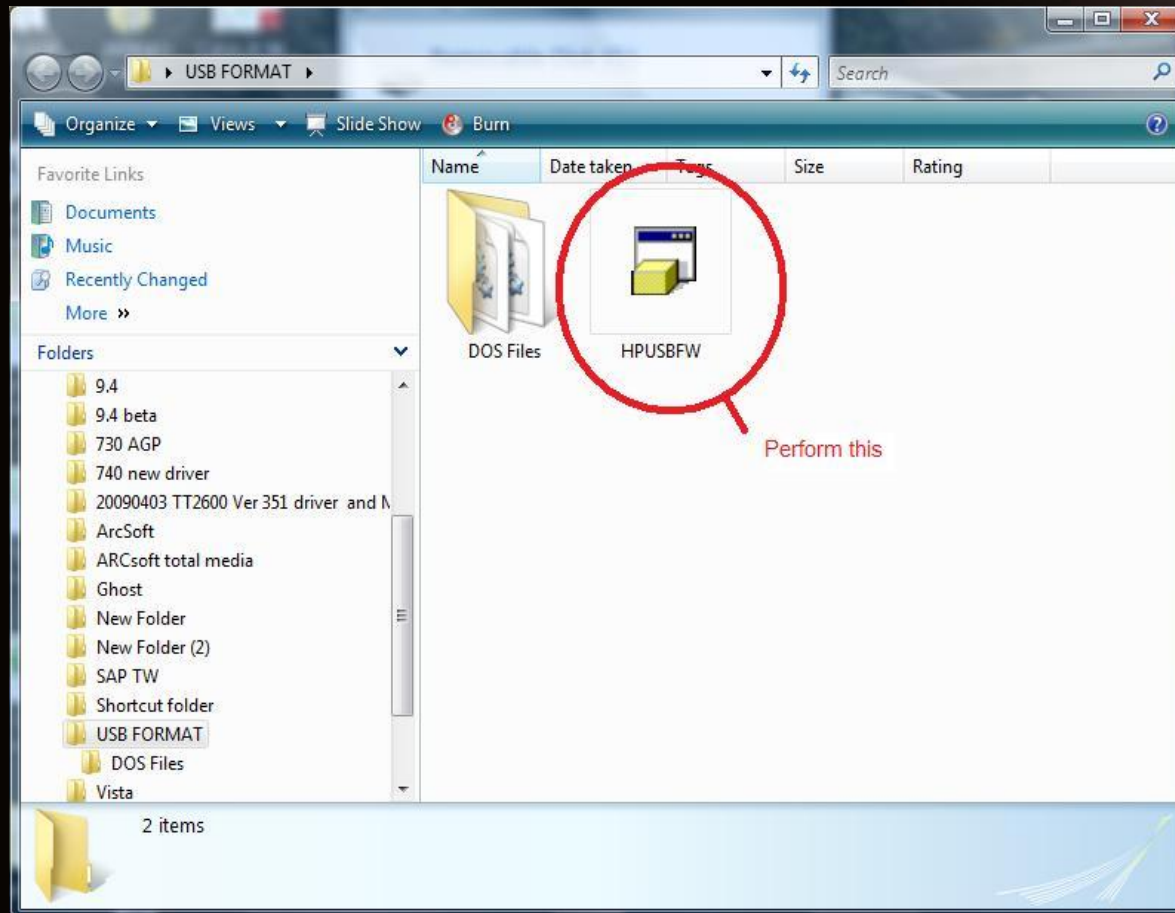
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Performance is our Passion....

# Step-1



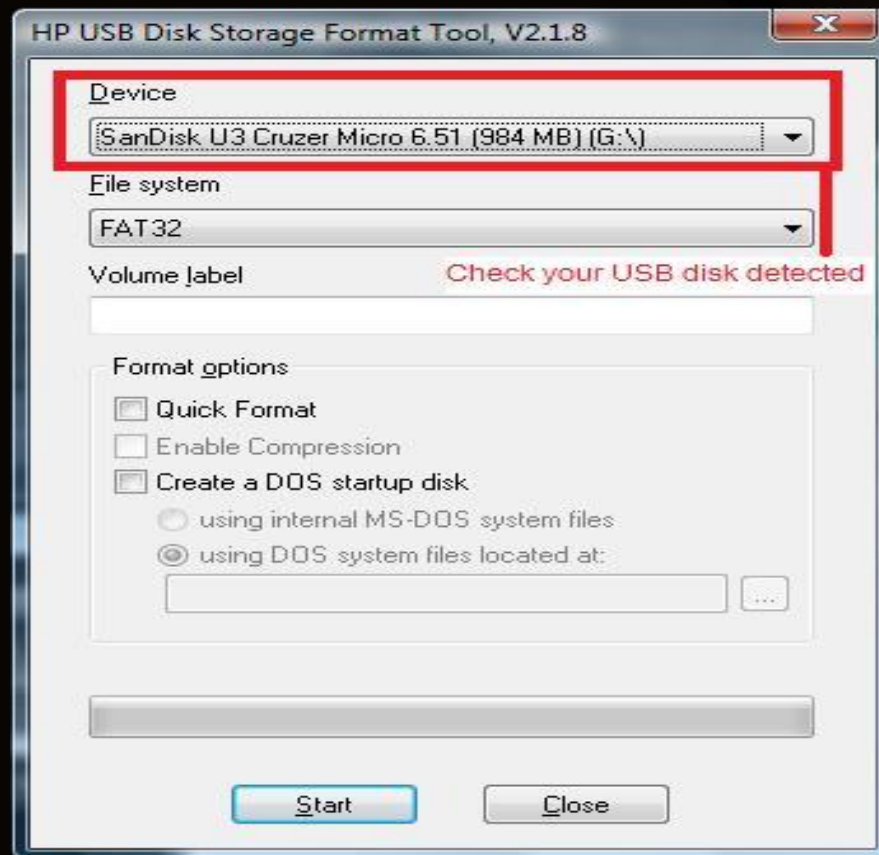
- Unzip “68.rar” file. You can see as follow picture
- Here is the file link: [http://www.sapphiretech.com/global/lib\\_files/68.rar](http://www.sapphiretech.com/global/lib_files/68.rar)



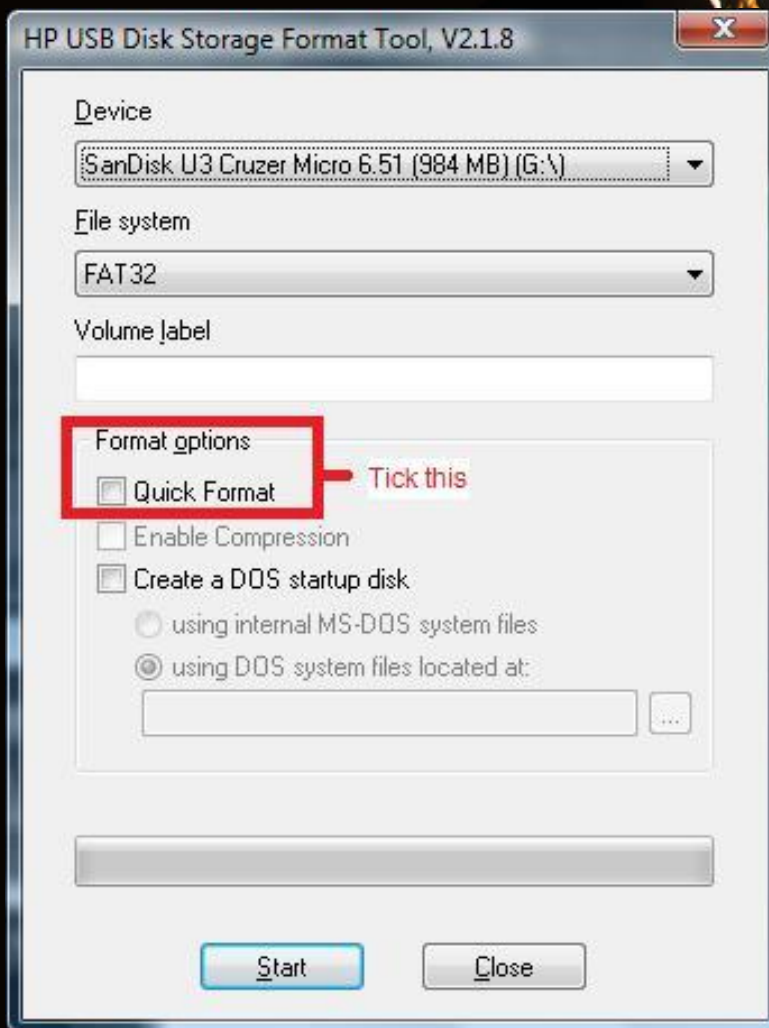
# Step-2



- 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:

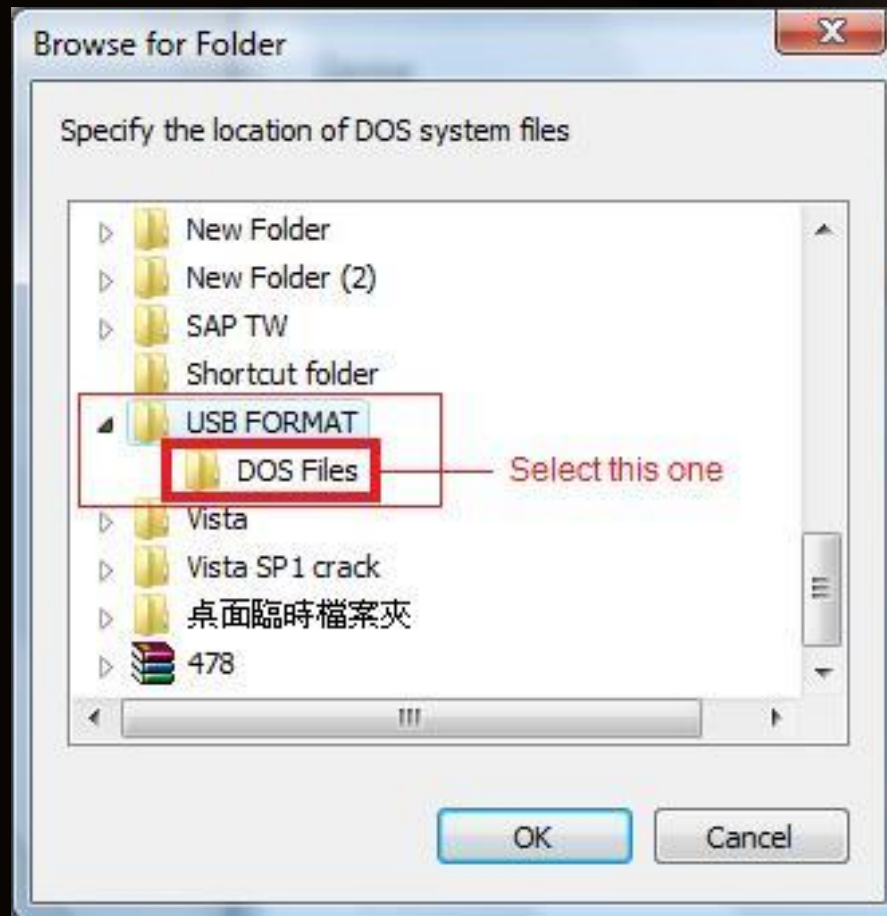
Assign the DOS system files path

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

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 ✓

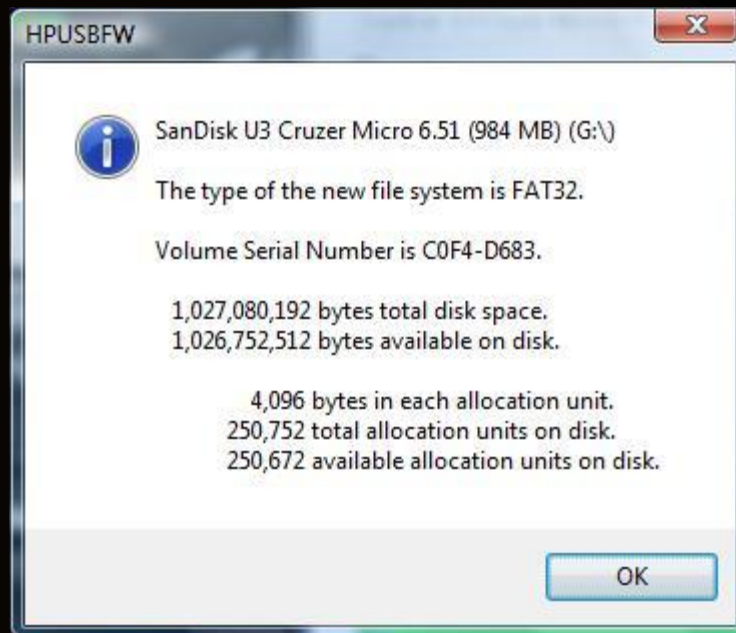
Start Close

Format your USB disk

# Step-7



- After format your USB Stick you will see this information

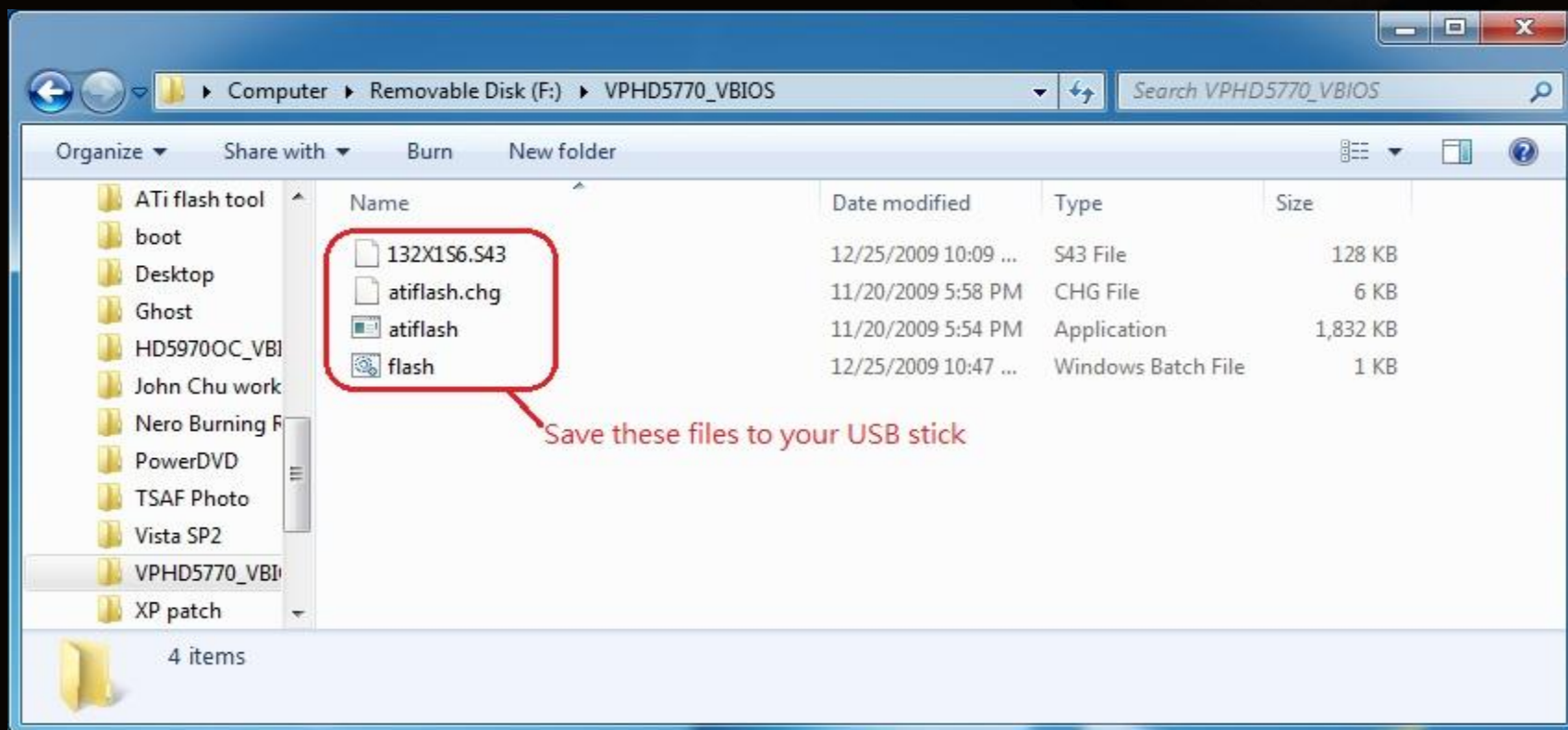




# Step-8



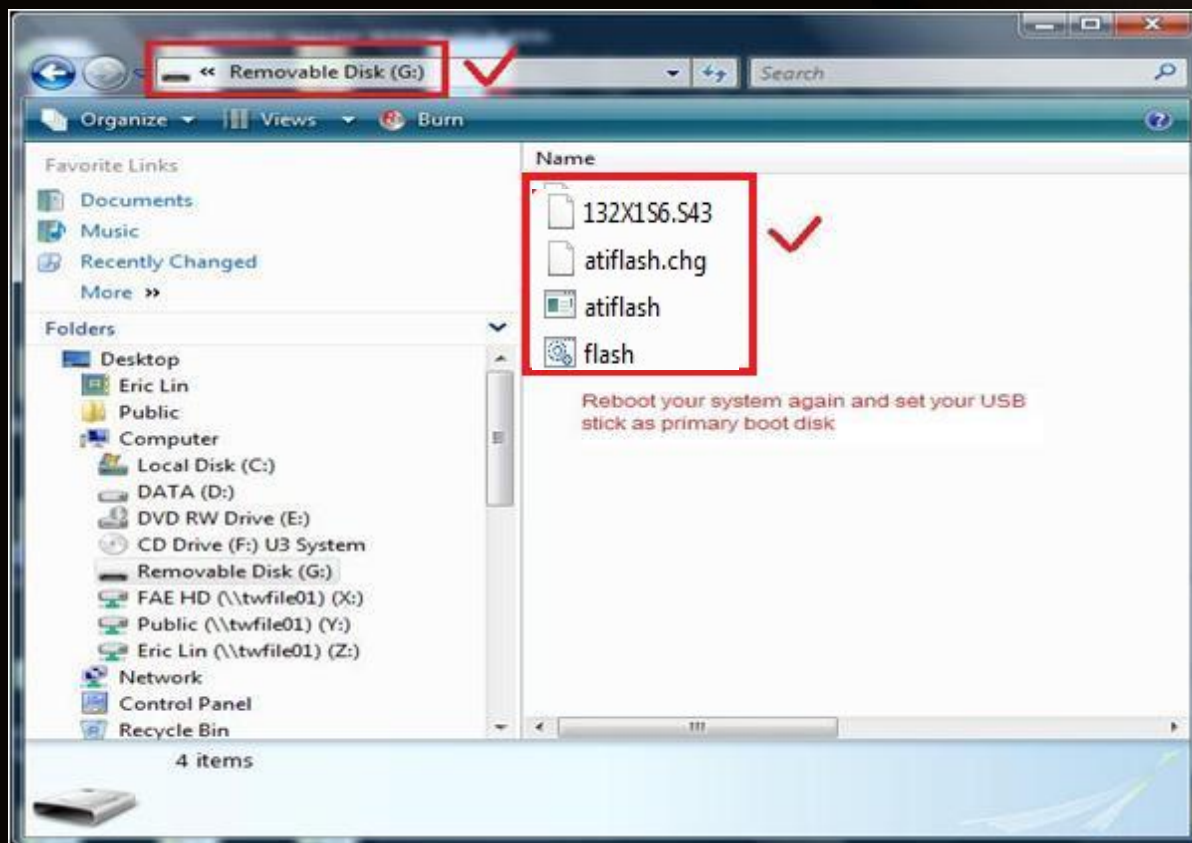
- Unzip file and open the flash folder. You will see the file as below link –
- [http://www.sapphiretech.com/archive/drivers/Vapor-X\\_HD5770\\_VBIOS\\_update\\_633973387407661250.zip](http://www.sapphiretech.com/archive/drivers/Vapor-X_HD5770_VBIOS_update_633973387407661250.zip)
- Card SKU: **11163-00** ; Card P/N : 288-7D132-000SA , Card memory : Samsung



# Step-9



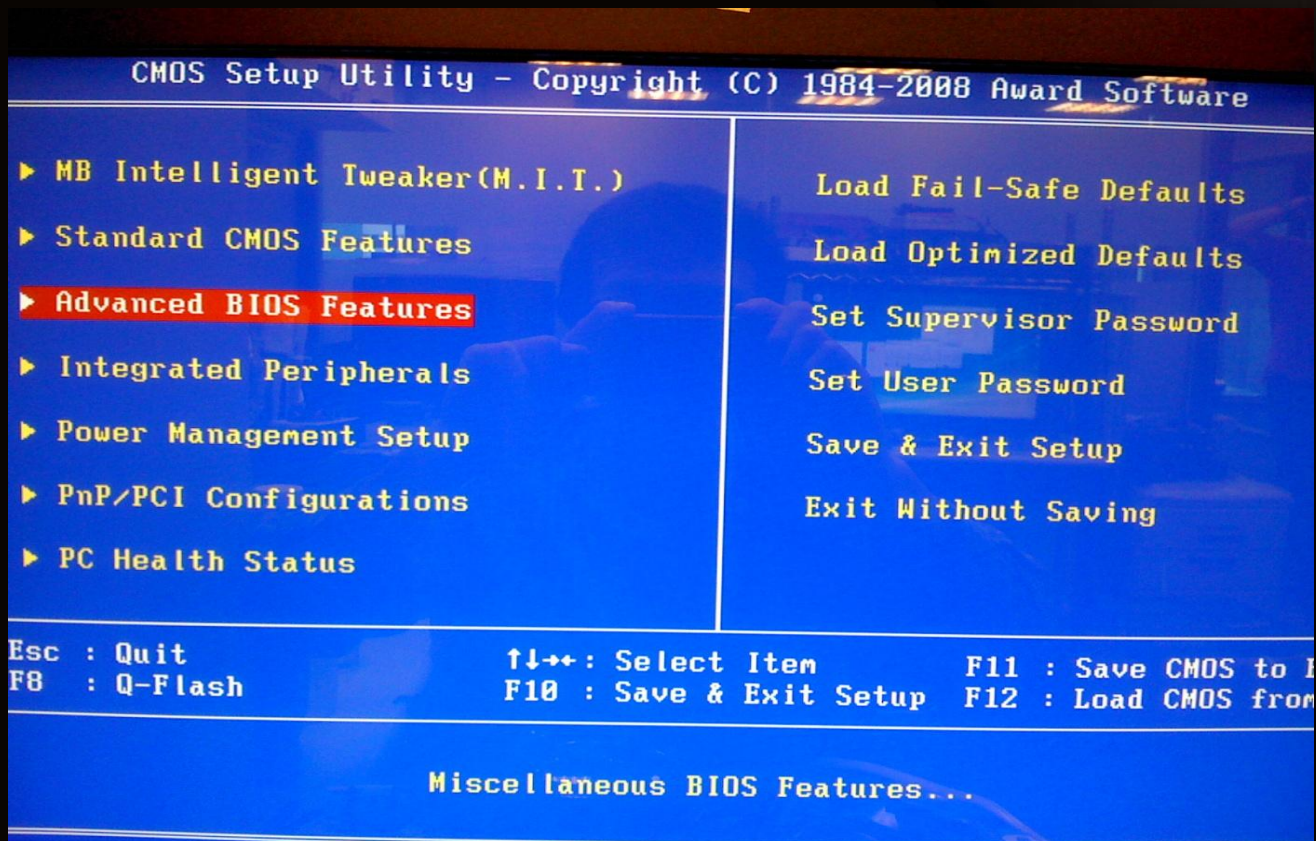
- Save these files into your USB stick directly and reboot your system again through this USB Stick



# Step-10



- Enter motherboard bios setting menu and select “**Advanced BIOS Features**”

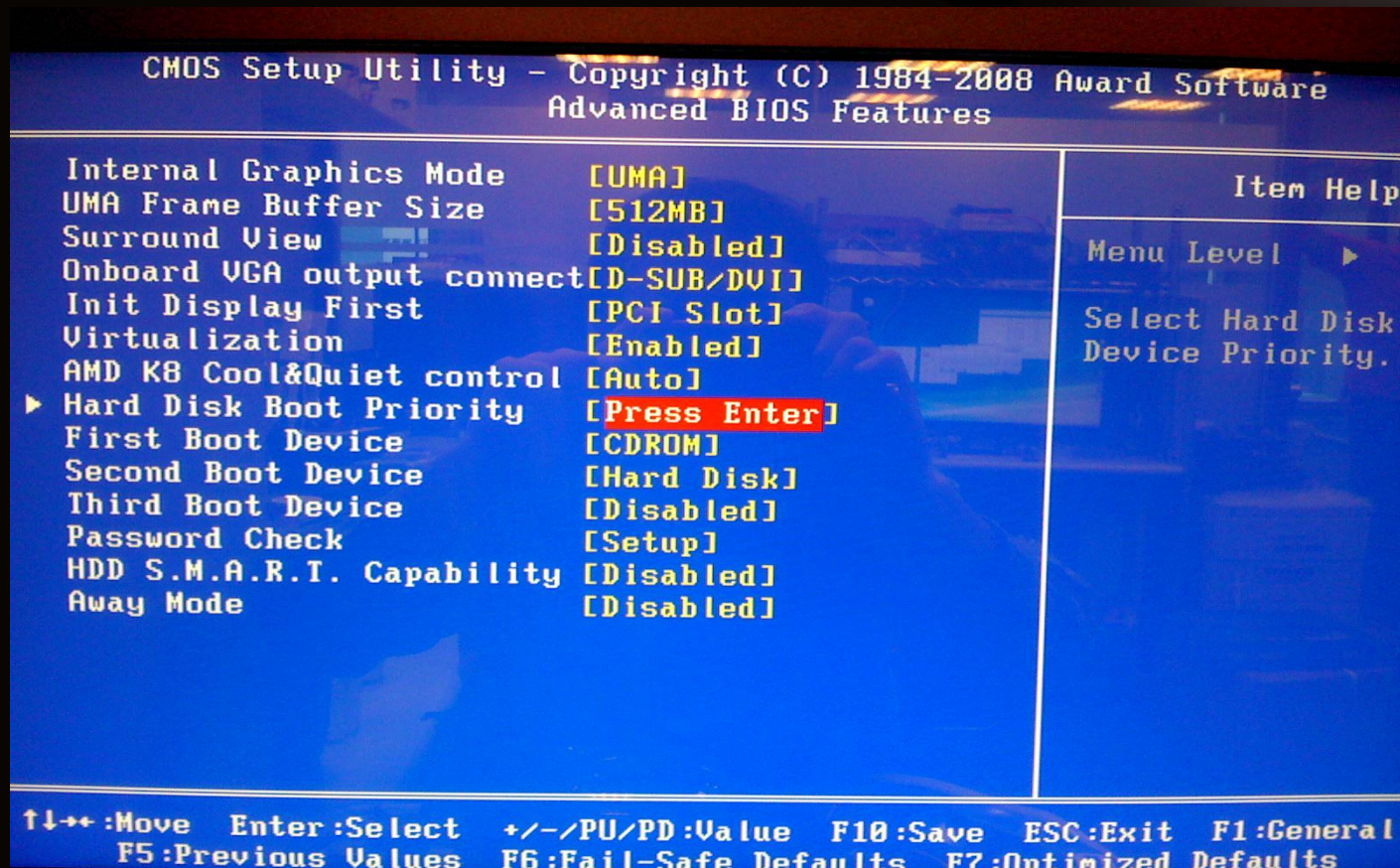




# Step-11



- 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.

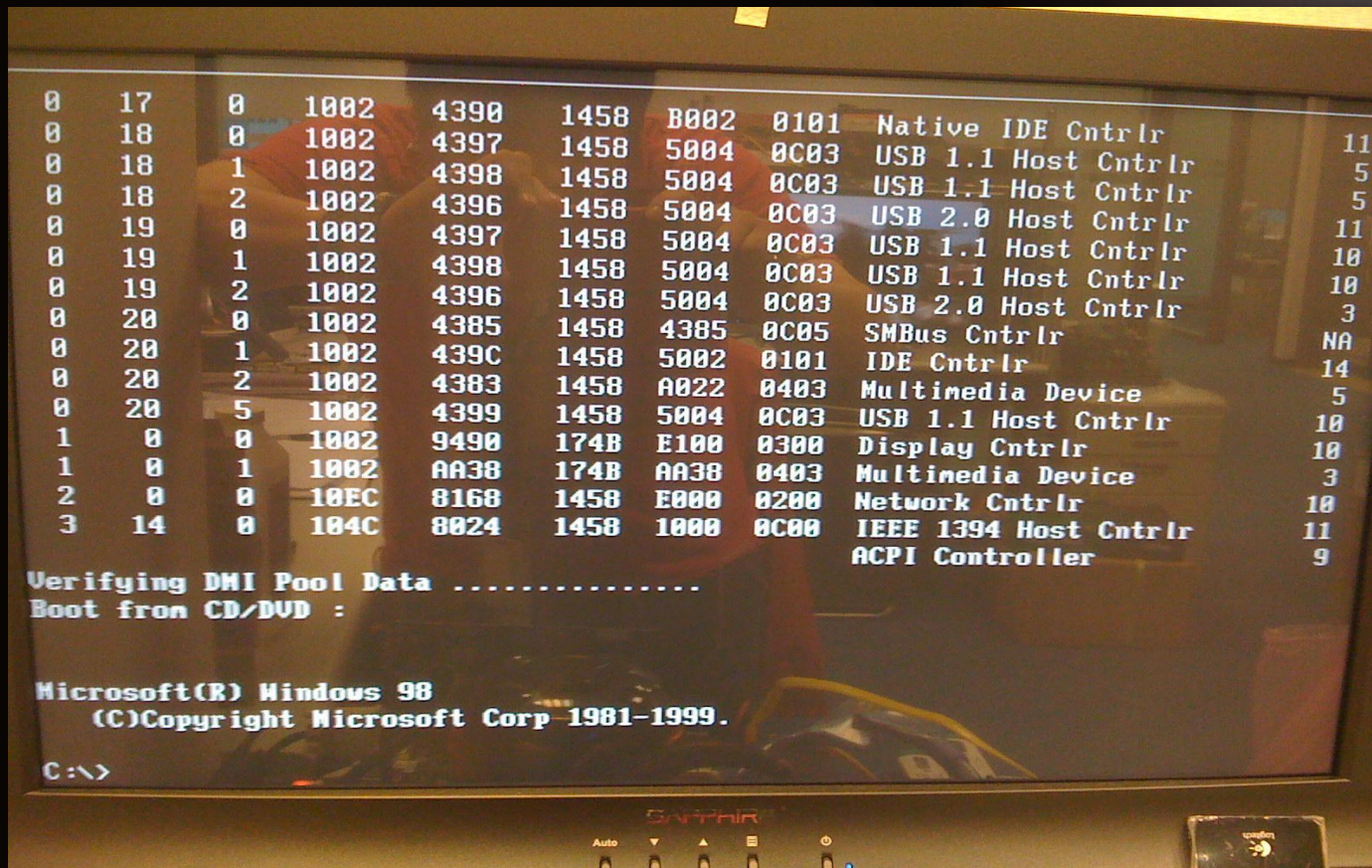




# Step-13



- 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

