



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

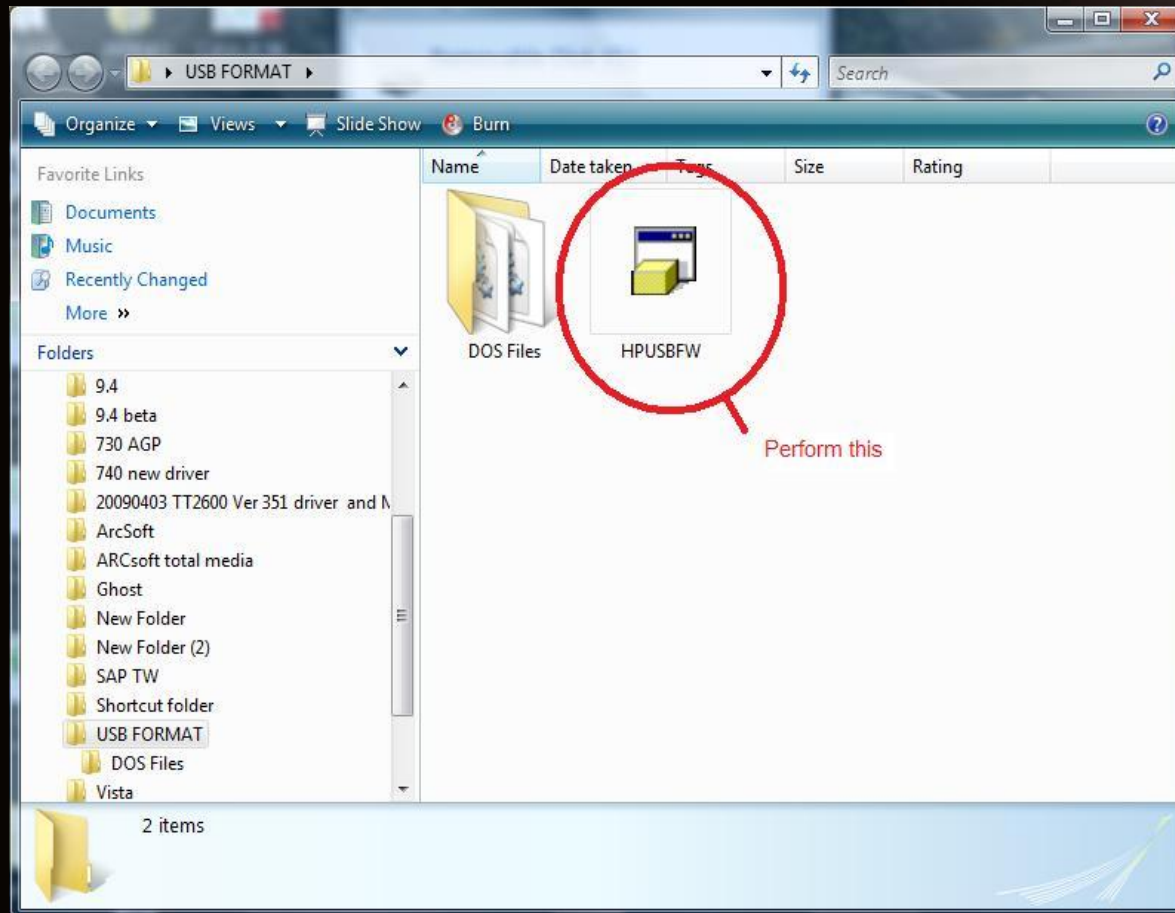
Please note: The Vbios example is for Sapphire HD6870 1G GDDR5 PCI-E DL DVI-I +
SL DVI-D / HDMI / Dual mini DP , P/N:288-1E177-100SA or 288-1E177-100KC
Before doing this, please backup your original USB stick files

Performance is our Passion....

Step-1



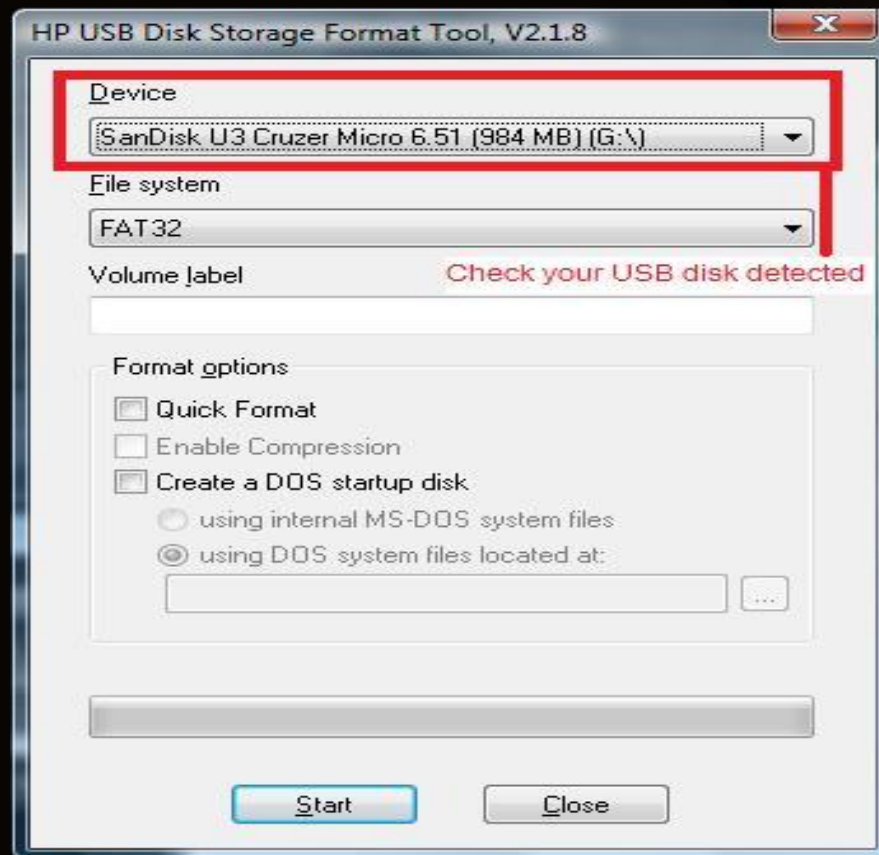
- Unzip “68.rar” file. You can see as follow picture
- Here is the file link: http://www.sapphiretech.com/global/lib_files/68.rar



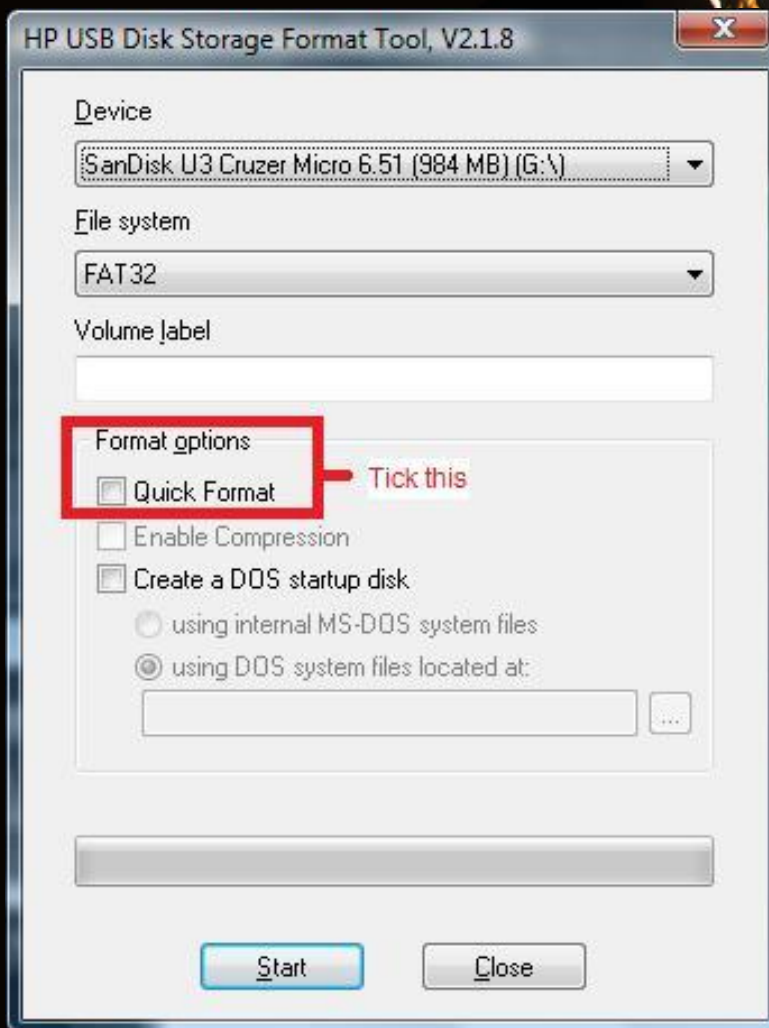
Step-2



- 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:

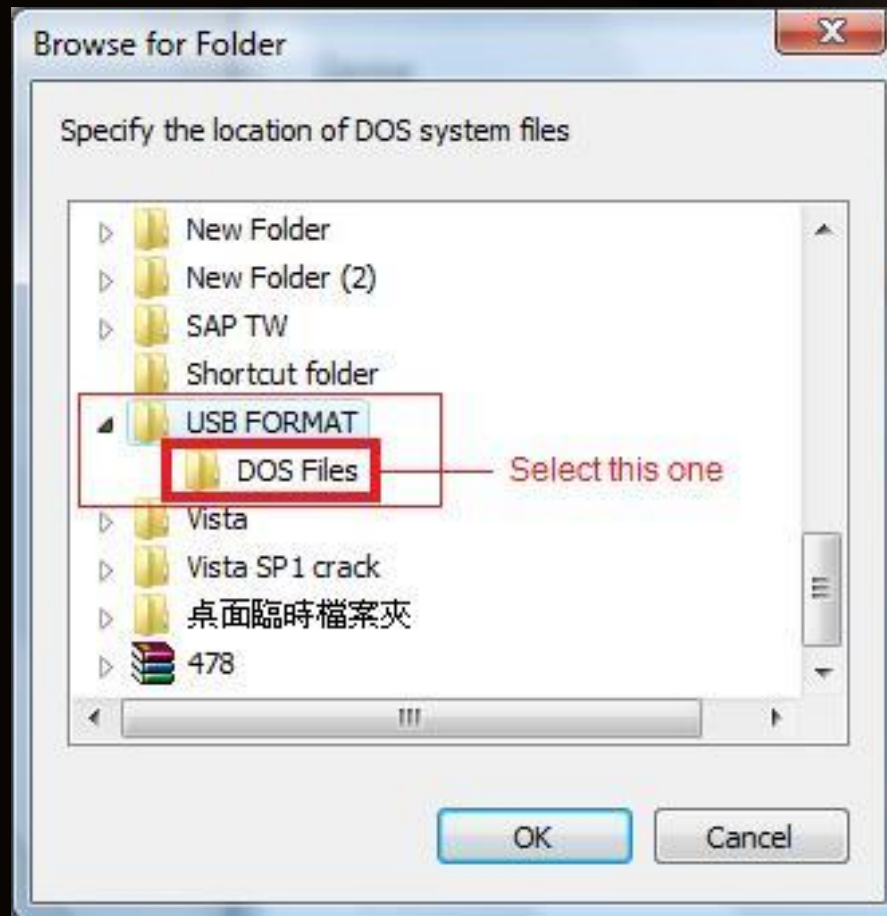
Assign the DOS system files path

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 [Browse button] ✓

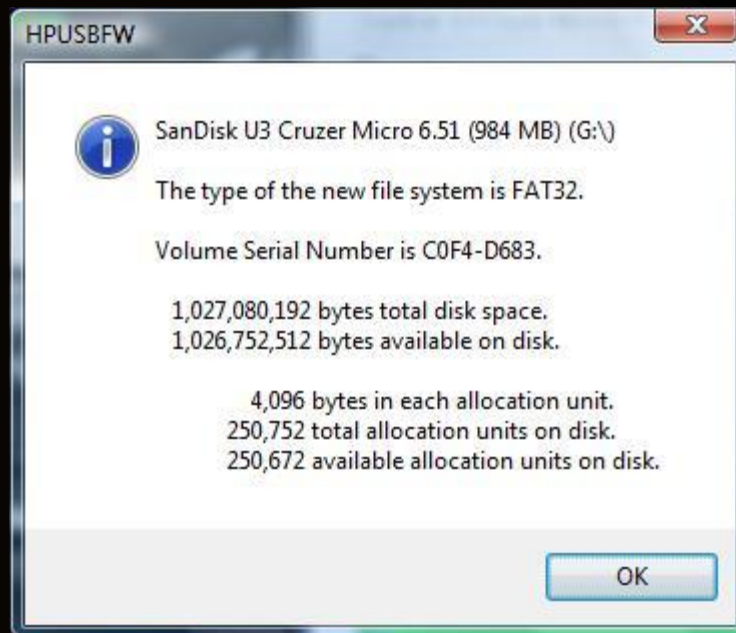
[Progress bar]

Start Format your USB disk Close

Step-7



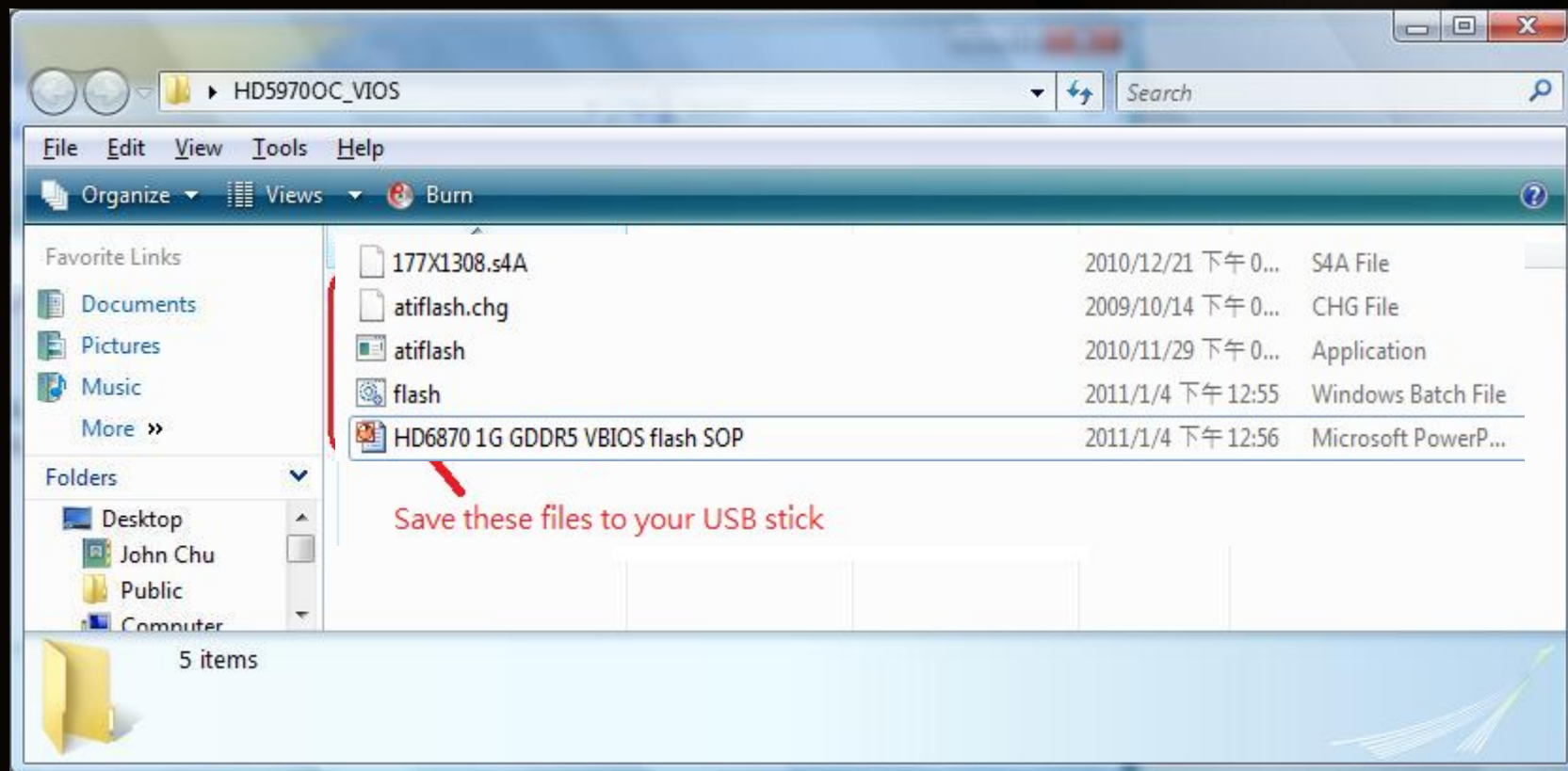
- After format your USB Stick you will see this information



Step-8



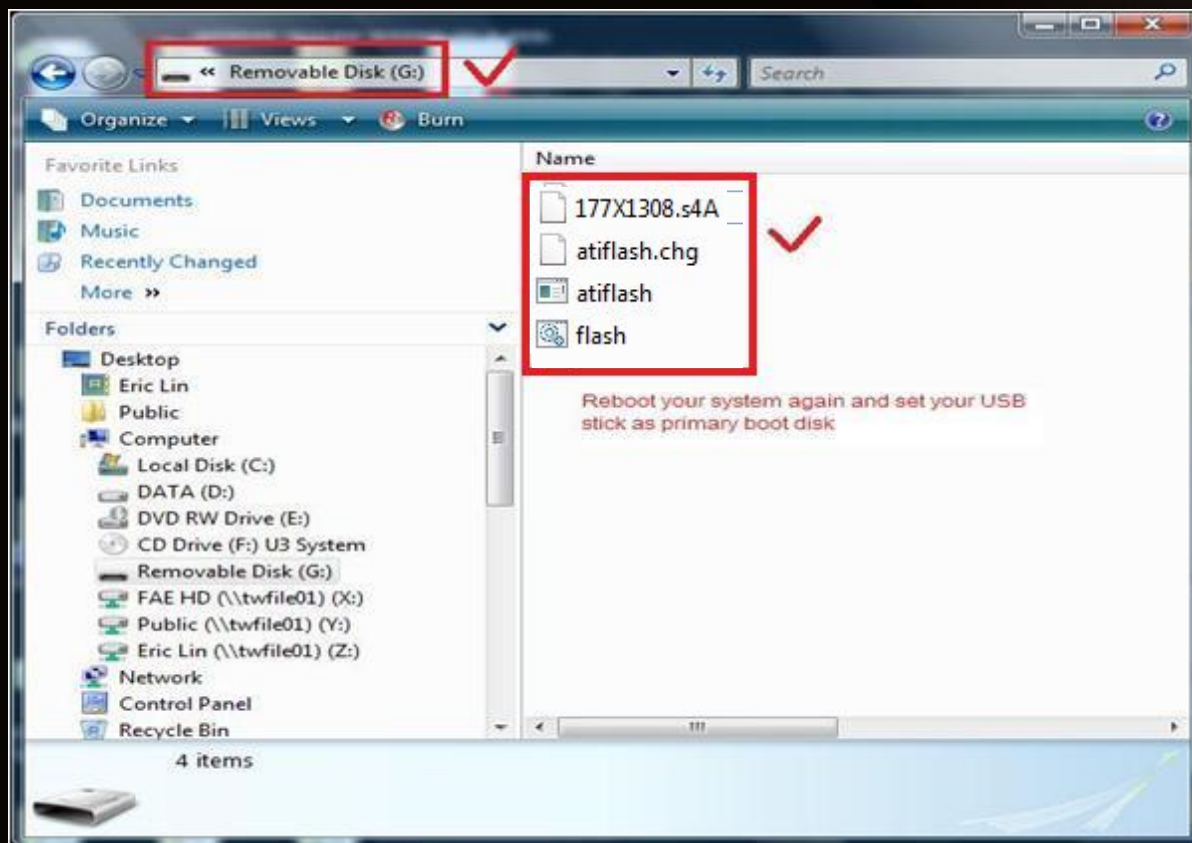
- Unzip file and open the flash folder. You will see the file as below link –
- Card P/N : **288-5E140-T30SA** or **288-5E140-T30KC**



Step-9



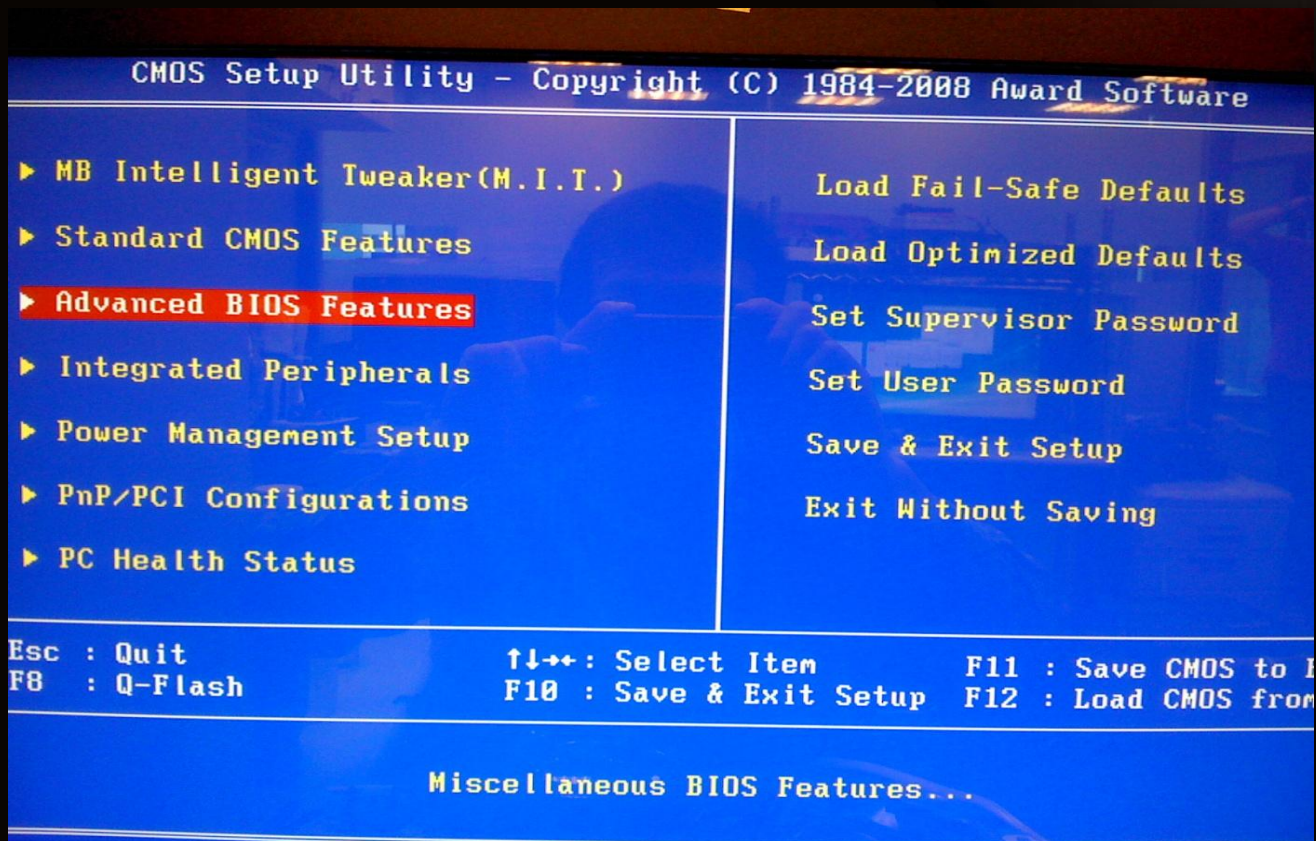
- Save these files into your USB stick directly and reboot your system again through this USB Stick



Step-10



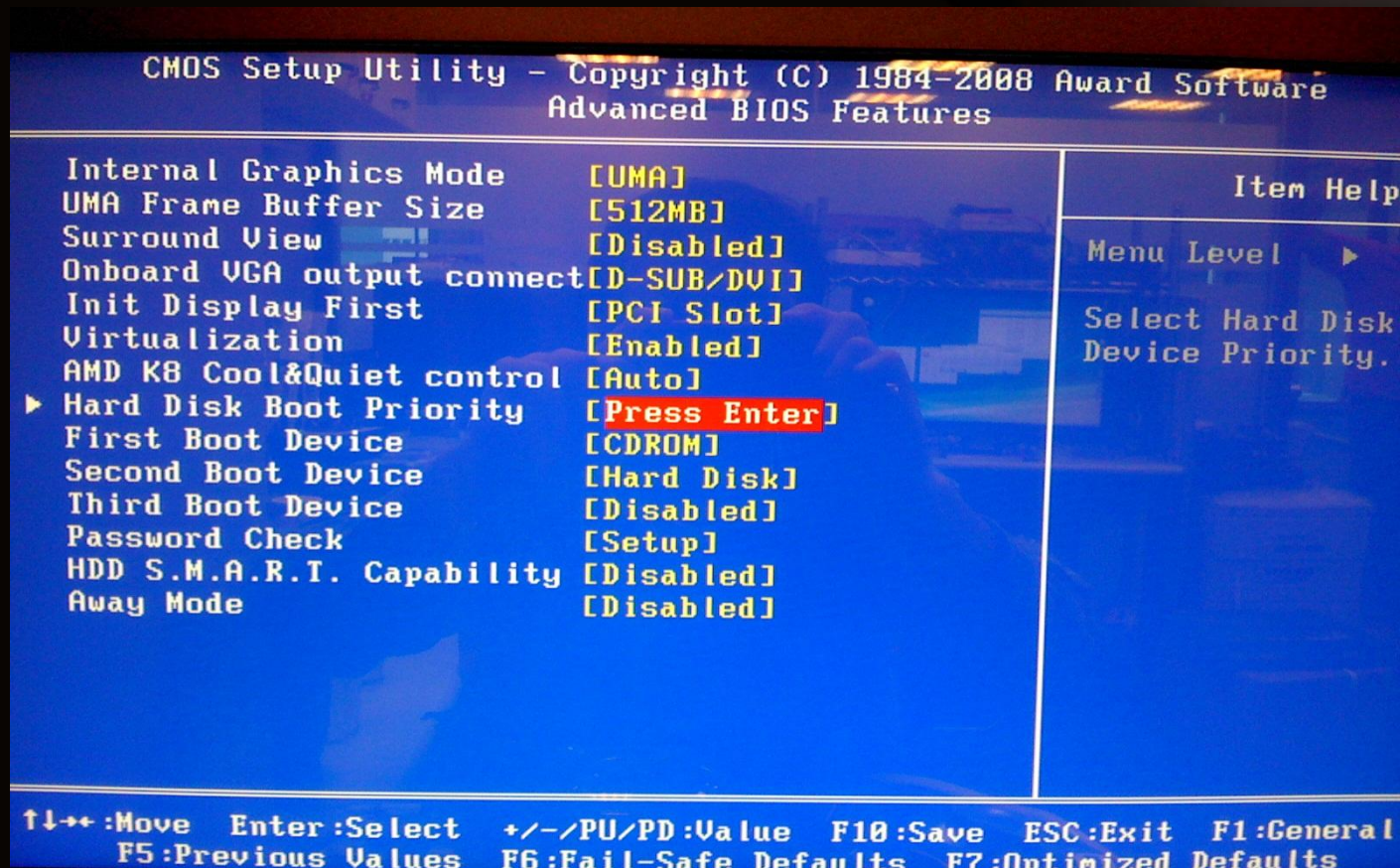
- Enter motherboard bios setting menu and select “**Advanced BIOS Features**”



Step-11



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



Step-12



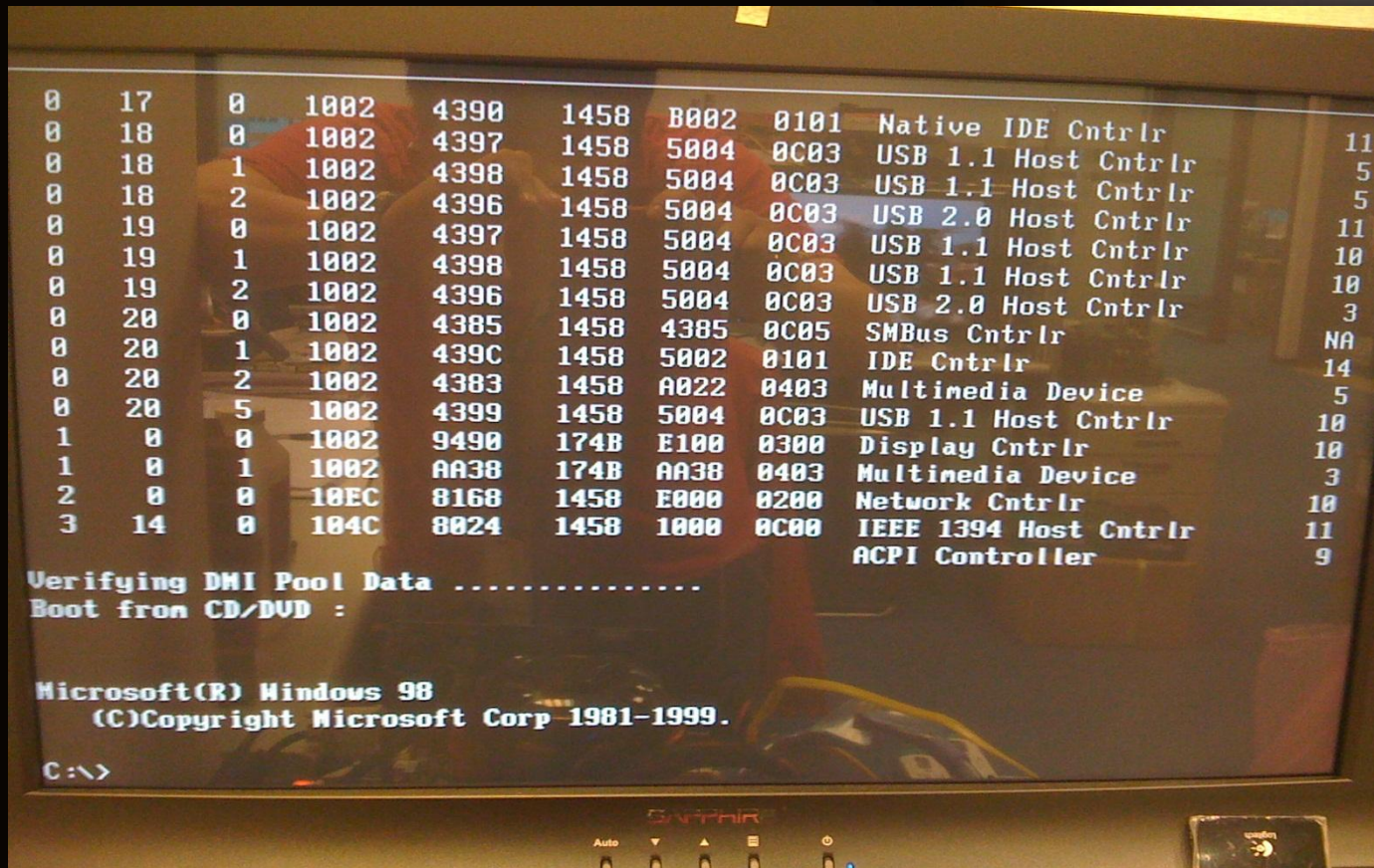
- Change your first hard disk boot priority to your **USB stick name**, save and reboot again. It will automatically enter DOS mode.



Step-13



- You will see this screen shot as follow



Step-14



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

```
0 17 0 1002 4390 1458 B002 0101 Native IDE Cntrlr
0 18 0 1002 4397 1458 5004 0C03 USB 1.1 Host Cntrl
0 18 1 1002 4398 1458 5004 0C03 USB 1.1 Host Cntrl
0 18 2 1002 4396 1458 5004 0C03 USB 1.1 Host Cntrl
0 19 0 1002 4397 1458 5004 0C03 USB 2.0 Host Cntrl
0 19 1 1002 4398 1458 5004 0C03 USB 1.1 Host Cntrl
0 19 2 1002 4396 1458 5004 0C03 USB 1.1 Host Cntrl
0 20 0 1002 4385 1458 4385 0C05 USB 2.0 Host Cntrl
0 20 1 1002 439C 1458 5002 0101 SMBus Cntrlr
0 20 2 1002 4383 1458 A022 0403 IDE Cntrlr
0 20 5 1002 4399 1458 5004 0C03 Multimedia Device
1 0 0 1002 9490 174B E100 0300 USB 1.1 Host Cntrlr
1 0 1 1002 AA38 174B AA38 0403 Display Cntrlr
2 0 0 10EC 8168 1458 E000 0200 Multimedia Device
3 14 0 104C 8024 1458 1000 0C00 Network Cntrlr
IEEE 1394 Host Cntrlr
ACPI Controller

Verifying DMI Pool Data .....
Boot from CD/DVD :

Microsoft(R) Windows 98
(C)Copyright Microsoft Corp 1981-1999.

C:\>flash
```

Step-15



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