

How to Install Windows 7 From USB Drive without Windows 7 ISO DVD

We have published article on [How to install Windows 7 on Vmware Player](#). That guide is useful if you want to make yourself free from need of dual boot. Now here is another scenario what if you **don't have DVD-ROM** and you are **running Windows XP**, you might have guessed in this case we **can't install windows 7**.

Since [Windows 7 ISO size is around 2.24 GB](#) so its obvious that you will need to **burn windows 7 iso on DVD** and another issue is you can't start **windows 7 installation** by mounting ISO file on windows XP as **Windows XP upgrade to windows 7 is not allowed**. In such situation **installing windows 7 from USB pen drive is feasible solution**.

Here is small guide on **how to install windows 7 from USB flash drive or USB pen Drive for Windows XP users**.

How to Install Windows 7 from USB Flash Drive

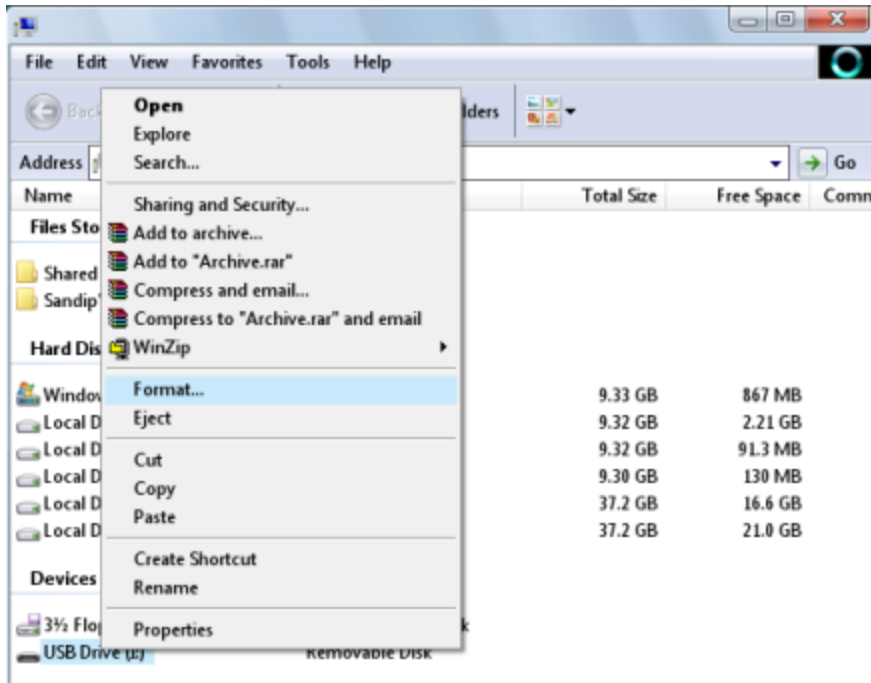
Requirement:

USB Pen Drive (Min 4 GB)

[Windows 7 ISO](#) (32 bit or [64 bit](#))

MBRwiz [Download](#) and Extract it on your hard drive (Diskpart utility for Windows XP doesn't detect USB drive as Disk hence we need to use this free utility to make bootable USB drive).

1. Connect your **USB Flash Drive** to your computer Format USB drive
2. To **Format USB Flash Drive** Go to My Computer -> Right click on USB drive and select Format from context menu.



3. Now go to Start Menu->run->cmd (Open Command Prompt) and Type following command
convert i: /fs:ntfs (Where "I" is your USB drive letter)

```

C:\WINDOWS\system32\cmd.exe
C:\Documents and Settings\Sandip>convert i: /fs:ntfs
The type of the file system is FAT32.
Volume USB DRIVE created 1/14/2009 12:43 PM
Volume Serial Number is 788F-791F
Windows is verifying files and folders...
File and folder verification is complete.
Windows has checked the file system and found no problems.
 7,879,696 KB total disk space.
 7,879,692 KB are available.

 4,096 bytes in each allocation unit.
 1,969,924 total allocation units on disk.
 1,969,923 allocation units available on disk.

Determining disk space required for file system conversion...
Total disk space:      7895104 KB
Free space on volume:  7879692 KB
Space required for conversion:  49864 KB
Converting file system
Conversion complete
C:\Documents and Settings\Sandip>

```

4. Mount Windows 7 iso as drive (You can use [Freeware MagicDisc download from here](#)).

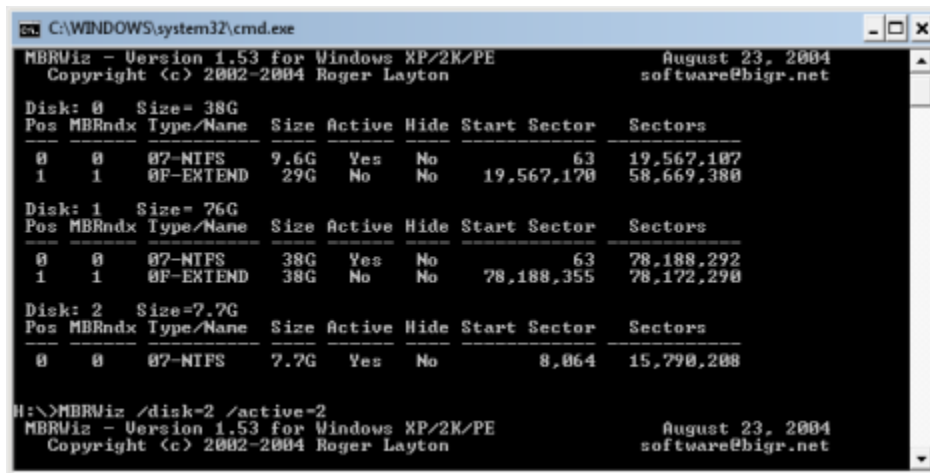
5. Type Start->run->cmd

Now dir to directory where you have extracted MBRWiz and run following commands

mbrwiz /list (note down disk number of your USB Pen drive)

mbrwiz /disk=X /active=X (X is Disk Number of your USB Drive)

exit



```
C:\WINDOWS\system32\cmd.exe
MBRWiz - Version 1.53 For Windows XP/2K/PE          August 23, 2004
Copyright (c) 2002-2004 Roger Layton              software@bigr.net

Disk: 0   Size= 38G
Pos MBRndx Type/Name  Size Active Hide Start Sector  Sectors
--- --
0     0     07-NTFS   9.6G  Yes  No   63          19,567,107
1     1     0F-EXTEND 29G   No  No  19,567,170  58,669,380

Disk: 1   Size= 76G
Pos MBRndx Type/Name  Size Active Hide Start Sector  Sectors
--- --
0     0     07-NTFS   38G  Yes  No   63          78,188,292
1     1     0F-EXTEND 38G   No  No  78,188,355  78,172,270

Disk: 2   Size=7.7G
Pos MBRndx Type/Name  Size Active Hide Start Sector  Sectors
--- --
0     0     07-NTFS   7.7G  Yes  No   8,064        15,790,208

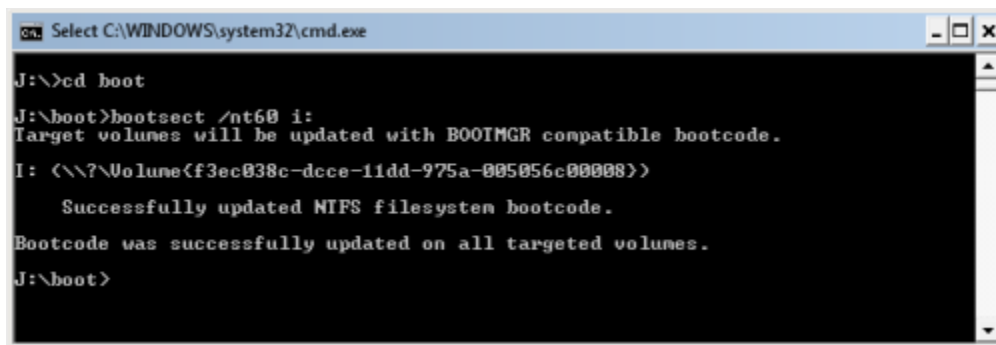
H:\>MBRWiz /disk-2 /active-2
MBRWiz - Version 1.53 For Windows XP/2K/PE          August 23, 2004
Copyright (c) 2002-2004 Roger Layton              software@bigr.net
```

6. Now open another command window and type following command

J: (Drive letter of Windows 7 iso mounted with demon tool)

CD boot

bootsect /nt60 Y: (Y is drive latter of your USB drive)



```
Select C:\WINDOWS\system32\cmd.exe

J:\>cd boot
J:\boot>bootsect /nt60 i:
Target volumes will be updated with BOOTMGR compatible bootcode.
I: <\\?\Volume{f3ec038c-dcce-11dd-975a-005056c00008}>
    Successfully updated NTFS filesystem bootcode.
Bootcode was successfully updated on all targeted volumes.
J:\boot>
```

7. Now copy all files from drive where you have **mount Windows 7 iso**

8. Now reboot your computer and press F9 to get your BIOS screen and **select USB drive as your boot drive.**

9. If every thing goes fine, Your **Windows 7 Installation should start from your USB drive.**

Source: <http://www.blogsdna.com>