

How to create USB Boot with Command Prompt

Creating USB boot install Windows is more and more popular, there are many software to help create USB boot with just a few clicks. But if Command Prompt, you can use this tool to create USB boot without installing additional software.

Creating a Bootable USB for Windows operating system will be very simple if you know how to apply the correct method. Besides using the software to create bootable USB such as Rufus, Hiren's boot, . you also have another way to create USB boot without installing any additional software on the machine. That is to use Command Prompt.

Steps to use Command Prompt to create USB Boot to install Windows

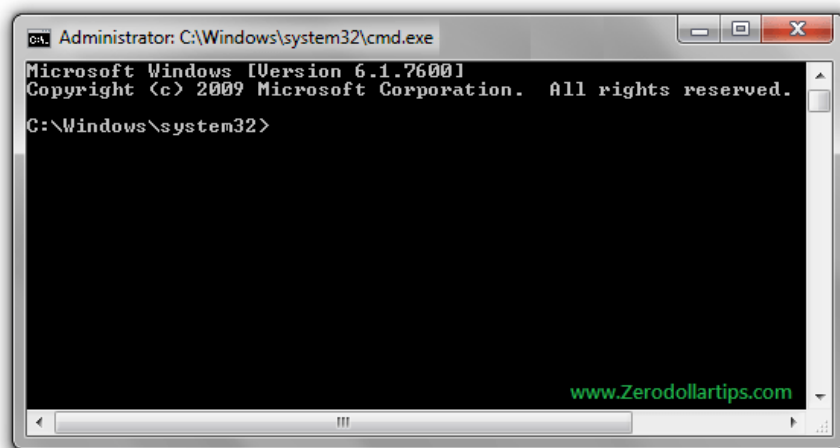
Step 1: Connect the USB to the computer

The first step is to format your USB pendrive to wipe all existing data in the USB drive.

Step 2: Open the Command Prompt under Admin

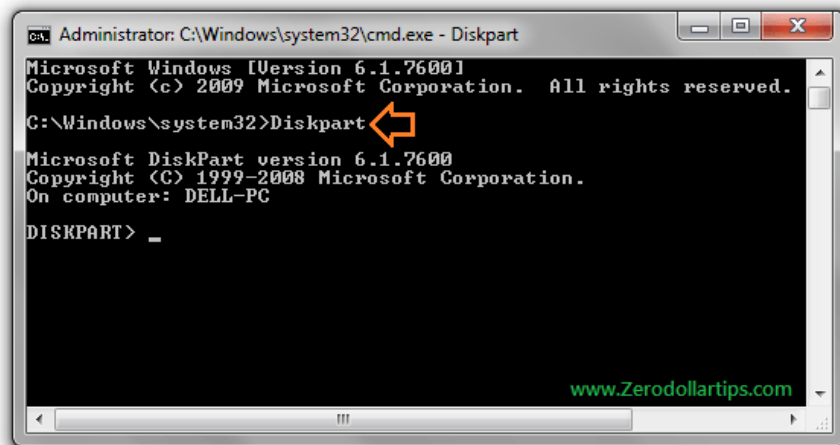
Next open Command Prompt and select **Run as Administrator** .

Alternatively, enter **cmd** in the Search box on the Start Menu and then press **Ctrl + Shift + Enter** . Or visit **Start Menu => All Programs => Accessories => Command Prompt** and select **Run as Administrator**.



Step 3: Enter the Diskpart command

On the Command Prompt window, type **Diskpart** into it and press Enter.



```
Administrator: C:\Windows\system32\cmd.exe - Diskpart
Microsoft Windows [Version 6.1.7600]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Windows\system32>Diskpart
Microsoft DiskPart version 6.1.7600
Copyright (C) 1999-2008 Microsoft Corporation.
On computer: DELL-PC

DISKPART> _
```

The screenshot shows a Windows Command Prompt window titled "Administrator: C:\Windows\system32\cmd.exe - Diskpart". The prompt shows the user has entered the command "Diskpart". The output displays the Microsoft DiskPart version 6.1.7600, copyright information, and the computer name "DELL-PC". The prompt is now "DISKPART> _". An orange arrow points to the "Diskpart" command in the input line. A watermark "www.Zerodollartips.com" is visible in the bottom right corner of the window.

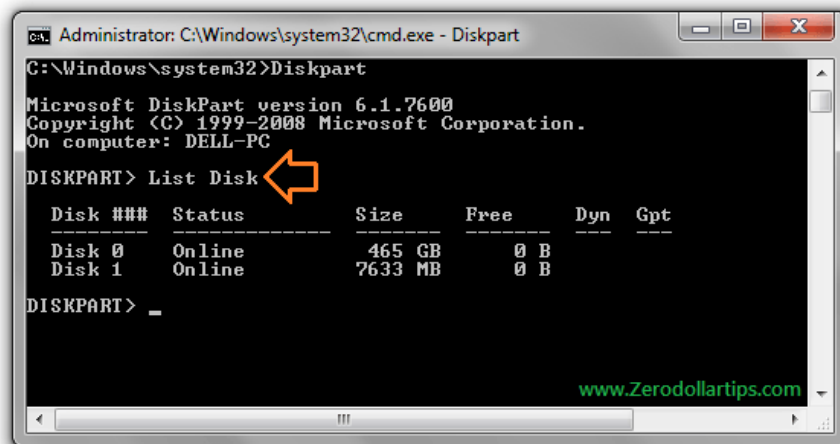
Note:

In case if Diskpart is not available on a Windows computer, you can download Diskpart to your computer and install it.

Download Diskpart and install it here.

Step 4: Enter the List Disk command

Next enter the **List Disk** into the Command Prompt window and press **Enter** .



```
Administrator: C:\Windows\system32\cmd.exe - Diskpart
C:\Windows\system32>Diskpart
Microsoft DiskPart version 6.1.7600
Copyright (C) 1999-2008 Microsoft Corporation.
On computer: DELL-PC

DISKPART> List Disk
Disk ###  Status             Size             Free             Dyn             Gpt
-----  -
Disk 0    Online              465 GB           0 B
Disk 1    Online              7633 MB          0 B

DISKPART> _
```

The screenshot shows the same Windows Command Prompt window. The user has entered the command "List Disk". The output displays a table of disk information. An orange arrow points to the "List Disk" command in the input line. A watermark "www.Zerodollartips.com" is visible in the bottom right corner of the window.

Disk ###	Status	Size	Free	Dyn	Gpt
Disk 0	Online	465 GB	0 B		
Disk 1	Online	7633 MB	0 B		

Step 5: Enter Select Disk 1 and press Enter

```
Administrator: C:\Windows\system32\cmd.exe - Diskpart
C:\Windows\system32>Diskpart
Microsoft DiskPart version 6.1.7600
Copyright (C) 1999-2008 Microsoft Corporation.
On computer: DELL-PC
DISKPART> List Disk

Disk ###  Status      Size      Free      Dyn  Gpt
-----  -
Disk 0    Online     465 GB    0 B
Disk 1    Online     7633 MB   0 B

DISKPART> Select Disk 1
Disk 1 is now the selected disk.
DISKPART>
```

Selecting Select Disk completely depends on your system (how many Disk is in use). Or you can simply enter your USB drive number. If your USB drive number is 2, enter Select Disk 2.

Step 6: Enter the Clean command

Next enter **Clean** and press **Enter**. In case if you display any error, re-enter **Clean** again and press **Enter**.

```
Administrator: C:\Windows\system32\cmd.exe - Diskpart
DISKPART> List Disk

Disk ###  Status      Size      Free      Dyn  Gpt
-----  -
Disk 0    Online     465 GB    0 B
Disk 1    Online     7633 MB   0 B

DISKPART> Select Disk 1
Disk 1 is now the selected disk.
DISKPART> Clean
DiskPart succeeded in cleaning the disk.
DISKPART>
```

Step 7: Enter Create Partition Primary and press Enter.

```
Administrator: C:\Windows\system32\cmd.exe - Diskpart
Disk ###  Status             Size             Free             Dyn             Gpt
-----  -
Disk 0    Online             465 GB           0 B
Disk 1    Online             7633 MB          0 B

DISKPART> Select Disk 1
Disk 1 is now the selected disk.
DISKPART> Clean
DiskPart succeeded in cleaning the disk.
DISKPART> Create Partition Primary
DiskPart succeeded in creating the specified partition.
DISKPART> _
```

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Step 8: Enter Active then press Enter

```
Administrator: C:\Windows\system32\cmd.exe - Diskpart
DISKPART> Select Disk 1
Disk 1 is now the selected disk.
DISKPART> Clean
DiskPart succeeded in cleaning the disk.
DISKPART> Create Partition Primary
DiskPart succeeded in creating the specified partition.
DISKPART> Active
DiskPart marked the current partition as active.
DISKPART>
```

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Step 9: Enter Format fs = FAT32 and press Enter

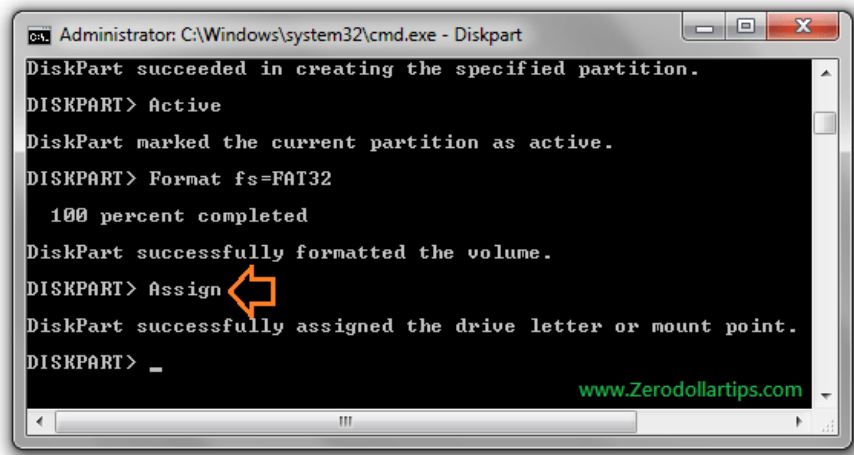
Wait a few seconds to complete the process, until the screen is 100% displayed.

```
Administrator: C:\Windows\system32\cmd.exe - Diskpart
DiskPart succeeded in creating the specified partition.
DISKPART> Active
DiskPart marked the current partition as active.
DISKPART> Format fs=FAT32
100 percent completed
```

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Step 10: Enter Assign command

After the process is complete, enter **Assign** into the Command Prompt window and press **Enter**.



```
Administrator: C:\Windows\system32\cmd.exe - Diskpart
DiskPart succeeded in creating the specified partition.
DISKPART> Active
DiskPart marked the current partition as active.
DISKPART> Format fs=FAT32
    100 percent completed
DiskPart successfully formatted the volume.
DISKPART> Assign
DiskPart successfully assigned the drive letter or mount point.
DISKPART> _
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```

Step 11: Copy the file to USB

Finally copy the Windows 7 or Windows 8 DVD or ISO file to the USB flash drive.

So you have completed the process of creating a USB Bootable drive using the Command Prompt to install Windows 7 or Windows 8 operating system.

From now on you can use USB Bootable drive to install Windows.

Install Windows with USB pendrive

After you have finished creating a USB Bootable drive to install Windows, the next step is to install the Windows operating system on your computer. First restart your Windows computer and select the **Boot Option option via USB drive** to boot from USB.

Follow the on-screen instructions to complete the Windows installation process.

Refer to some of the following articles:

1. Use CMD to create an 'undeleted' folder on Windows
1. All Frequency Restart, Shutdown, Remote Off . with Command Prompt
1. Use the CMD command to remove viruses on Windows computers

Good luck!

You finished reading the article "**How to create USB Boot with Command Prompt**" edited by the [TipsMake](#) team. We hope this article has provided you with many useful tech tips and tricks. You can search for similar articles on tips and guides. Thank you for reading and for following us regularly.