

How to create Windows To Go Supertalent USB 3.0 RC8

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USB 3.0 Express RC8

Bootable Flash Drive for Windows 8 Beta

- Full 8 Channel SSD architecture
- SandForce SSD Controller
- Enterprise Level Provisioning

"I really cannot underscore how amazingly fast this drive is at loading applications..."

– Everything USB, August 1st, 2011



- **Microsoft** Certified for Windows to Go USB 3.0 Drive
- Fastest Drive
- Most Reliable
- SMART Command Enabled

The RC8 is truly unique

- The RC8 is a full-featured SSD
 - SandForce™ SSD processor
 - Full 8-channels of flash
 - SandForce SF-1222 processor
 - Performance
 - Reliability
 - Thermal Characteristics
- USB 3.0 to SATA Bridge
 - Virtually Lossless Conversion
 - Enables SATA command pass through
 - SMART Command Support

*It's not a
flash drive*



USB 3.0 Solid-State Disk

How to create Windows to Go USB drive?

- **Requirements:**

- A PC running Windows 7 or Windows 8 beta
- The [ISO image of Windows 8 Consumer Preview](#) (64-bit) (Note: you can download from Microsoft website; If you intend to run your Windows To Go on hardware that doesn't support 64 bit then you'll need the 32-bit ISO file)

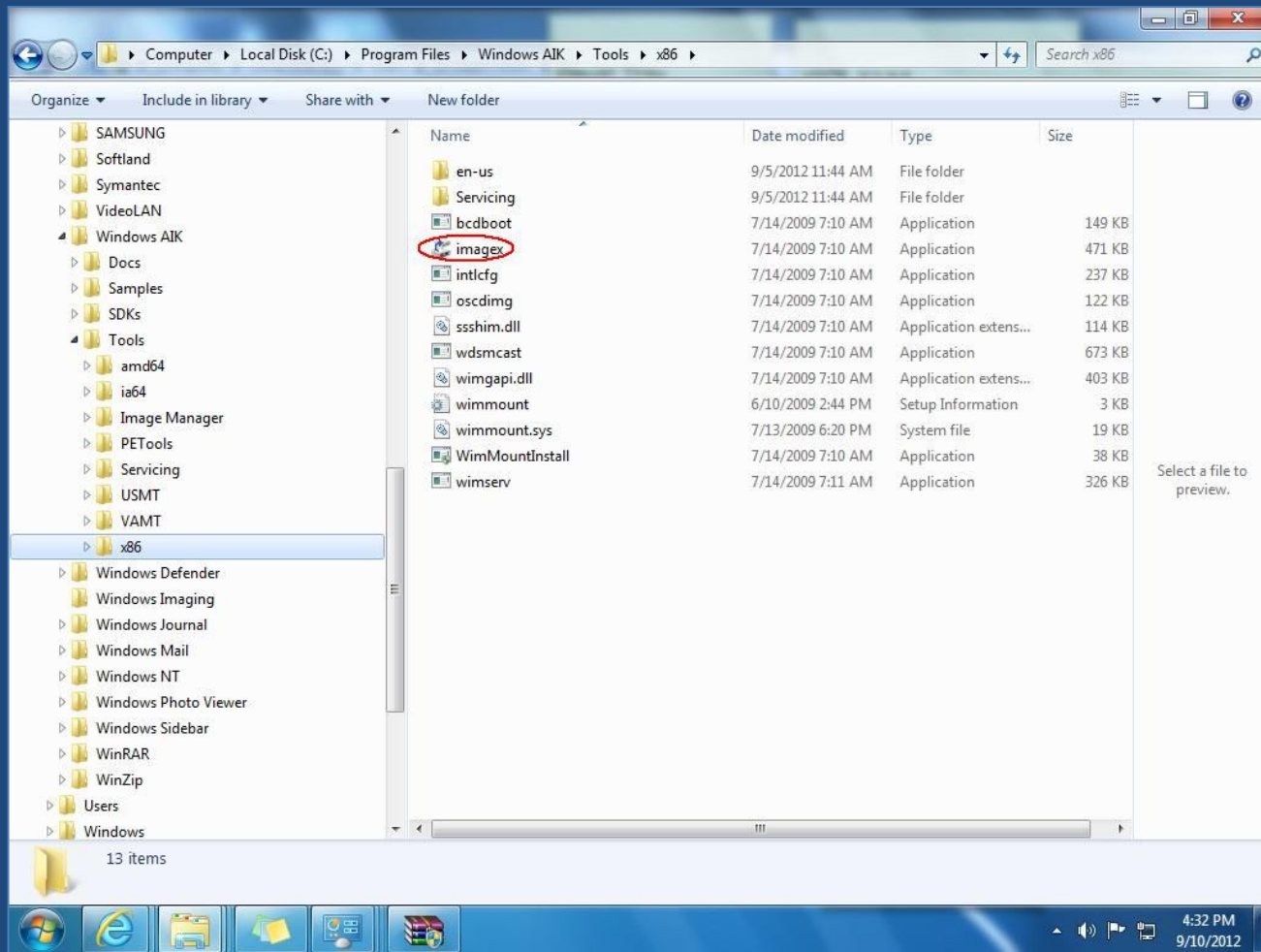
The Beta trial key is [DNJXJ-7XBW8-2378T-X22TX-BKG7J](#).

- The [Windows Automated Installation Kit](#) (AIK) (Note: you can download from Microsoft website)
- A USB 3.0 storage device (at least **20** GB)

How to create Windows to Go USB drive? -2

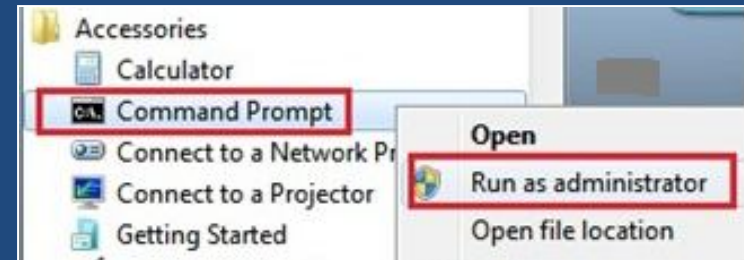
- Make Windows 8 DVD beta via DVD-RW drive
- Install AIK to your current Windows 7 or Windows 8 system
- Make folder (ex: **wintogo**)
- Copy **install.wim** from Window 8 DVD to folder **wintogo**
- Copy **imagex.exe** from \Program Files\Windows AIK\tools to folder **wintogo**

How to create Windows to Go USB drive? -3



How to create Windows to Go USB drive? -4

- Open Command Prompt Window in **Admin mode**
- Run diskpart
- diskpart>list disk



- diskpart>select disk **n** (make sure replacing **n** with the number shown from the last step)
- diskpart>clean
- diskpart>create partition primary
- diskpart>format fs=ntfs quick
- diskpart>active
- diskpart>assign
- diskpart>exit

How to create Windows to Go USB drive? -5

- `c:\wintogo>imagex /apply install.wim 1 d:\`
d: drive is the drive letter for your USB device



```
Administrator: C:\Windows\System32\cmd.exe
02/29/2012 04:08 PM 2,242,710,073 install.wim
2 File(s) 2,243,191,753 bytes
2 Dir(s) 25,793,507,328 bytes free

C:\Temp>imagex /apply install.wim 1 h:\

ImageX Tool for Windows
Copyright (C) Microsoft Corp. All rights reserved.
Version: 6.1.7600.16385

[ 100% ] Applying progress
Successfully applied image.
Total elapsed time: 68 min 21 sec

C:\Temp>bcdboot h:\windows /s h: /f ALL
Boot files successfully created.

C:\Temp>
```



```
Administrator: C:\Windows\System32\cmd.exe
02/29/2012 04:08 PM 2,242,710,073 install.wim
2 File(s) 2,243,191,753 bytes
2 Dir(s) 25,793,507,328 bytes free

C:\Temp>imagex /apply install.wim 1 h:\

ImageX Tool for Windows
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Version: 6.1.7600.16385

[ 100% ] Applying progress
Successfully applied image.
Total elapsed time: 68 min 21 sec

C:\Temp>bcdboot h:\windows /s h: /f ALL
Boot files successfully created.

C:\Temp>
```

- `c:\bcdboot.exe d:\windows /s d: /f ALL` → for **Windows 8**
`c:\bcdboot.exe d:\windows /s d:` → for **Windows 7**
d: is the drive letter for your USB device
- `c:\wintogo> exit` **And that's it.**

Windows to Go Hardware Requirements

- For USB drive:

Microsoft Certified for Windows to Go **Supertalent RC8** USB 3.0 Drive

- For Host Computer:

- **Item Requirement Boot process**- Capable of USB boot
- **Firmware** - USB boot enabled. (PCs certified for use with Windows 7 or Windows 8 can be configured to boot directly from USB, check with the hardware manufacturer if you are unsure of the ability of your PC to boot from USB)
- **Processor architecture** -Must support the image on the Windows To Go drive
- **External USB Hubs** - Not supported; connect the Windows To Go drive directly to the host machine.
- **Processor** - 1 Ghz or faster
- **RAM** -2 GB or greater
- **Graphics** -DirectX 9 graphics device with WDDM 1.2 or greater driver.
- **USB port** -USB 2.0 port or greater

How do I make my computer boot from USB

- From Window 8 system:

Press **Windows logo key+W** and then search for **Windows To Go startup options** and then press Enter.

In the Windows To Go Startup Options dialog box select **Yes** and then click **Save Changes** to configure the computer to boot from USB.

- From Window 7 system:

To do this, early during boot time (usually when you see the manufacturer's logo), enter your firmware/BIOS setup. (This method to enter firmware/BIOS setup differs with different computer manufacturers, but is usually entered by pressing one of the function keys, such as **F12, F2, F1, Esc**, and so forth. Please refer user's system manual or check the manufacturer's site for detail.

Once you have entered firmware setup check that boot from USB is enabled. **Then change the boot order to boot from USB drives first.**

Alternatively, if your computer supports it, you can try to use the one-time boot menu (**often F12**), to select USB boot on a per-boot basis.

For more info:

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