How to install Windows XP / 7 using a USB flash drive and create a bootable USB flash drive!

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Why would you want to create a bootable USB flash drive?

- Most Netbook's do not have CD / DVD Roms and require a re-install of the Operating System via USB.
- Optical disks scratch and can give CRC / bit errors while being read
- Faulty CD / DVD rom drive
- USB flash drives are more reliable and have faster data transfer rates
- Requires that the bios allows booting from USB

How to create a bootable USB flash drive, some of the many tools!

- Microsoft Windows 7 USB/DVD tool Windows 7 only!
- WinToFlash Windows XP / 2003 server / Windows 7
- PeToUSB UBCD4Win & Barts PE
- Universal USB Installer Linux & Windows Vista / 7 or Hiren's Boot CD
- SARDU Multi-Boot tool, Linux, Hirens Boot CD, UBCD4Win, AV Recovery Disks

How to create a Windows 7 install USB flash drive using Microsoft's Free Tool!

- Microsoft Windows 7 USB/DVD download tool only works with Windows 7:
- System Requirements:
- Windows XP SP2, Windows Vista, or Windows 7 (32-bit or 64-bit).
- DVD-R drive or 4GB removable USB flash drive.
- WINDOWS XP also needs:
- Microsoft .NET Framework 2.0 must be installed.
- Microsoft Image Mastering API v2 must be installed.

How to create a Windows 7 install USB flash drive using Microsoft's USB/DVD Tool!



How to create a Windows XP / Vista / 7 install USB flash drive using WinToFlash!

• What is WinToFlash?

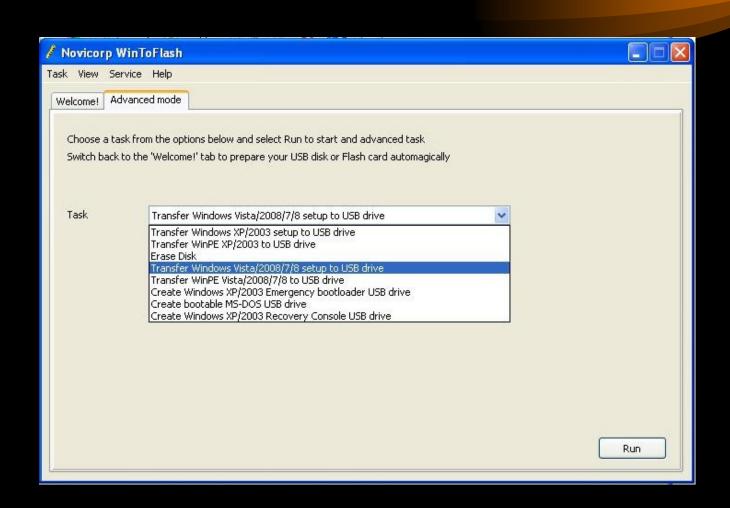
• WinToFlash is a free tool that starts a wizard that will help pull over the contents of a windows installation CD or DVD and prep the USB drive to become a bootable replacement for the optical drive.

How to create a Windows XP / Vista / 7 install USB flash drive with WinToFlash!

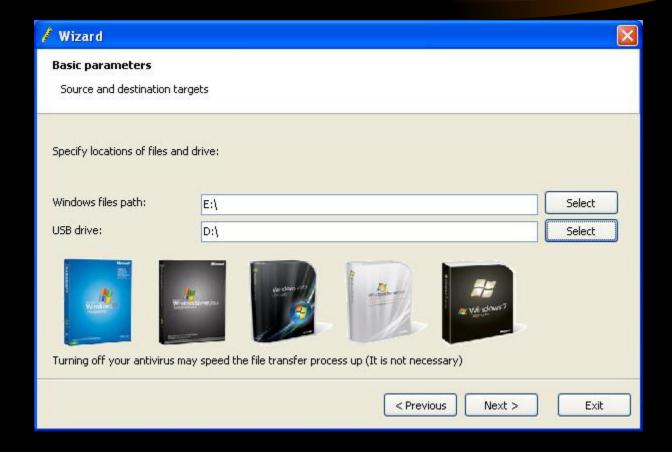
- Windows XP / Vista / 7 CD / DVD or ISO
- Magic Disk Mounter to mounts iso's
- WinToFlash now supports Windows 8



WinToFlash USB Operating System selection

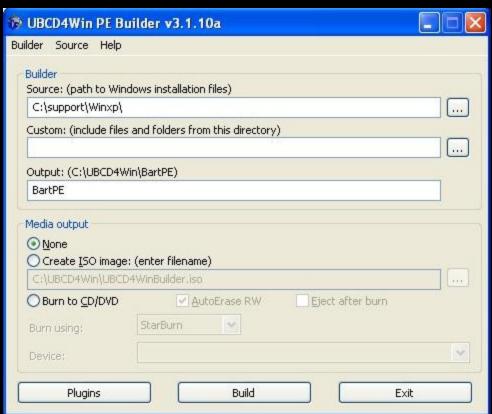


WinToFlash USB Path options



How to create a Ultimate Boot CD 4 Windows or Barts PE USB flash drive demo!

- PeToUSB Utility.
- Ultimate Boot CD 4 Windows or Barts PE builder utility.



How to create a Ultimate Boot CD 4 Windows or Barts PE USB flash drive demo!

PE to USB options:



How to create a bootable linux USB flash drive using the Universal-USB-Installer!



How to create a multi-boot flash drive with several recovery tools using SARDU.

- Sardu's Tool
- Hirens, Kasperky AV, BitDefender AV, Ultimate Boot CD for Windows, Linux Distro, Gparted, Clone Zilla ISO's are required
- Can also be used to create a Windows XP install USB flash drive

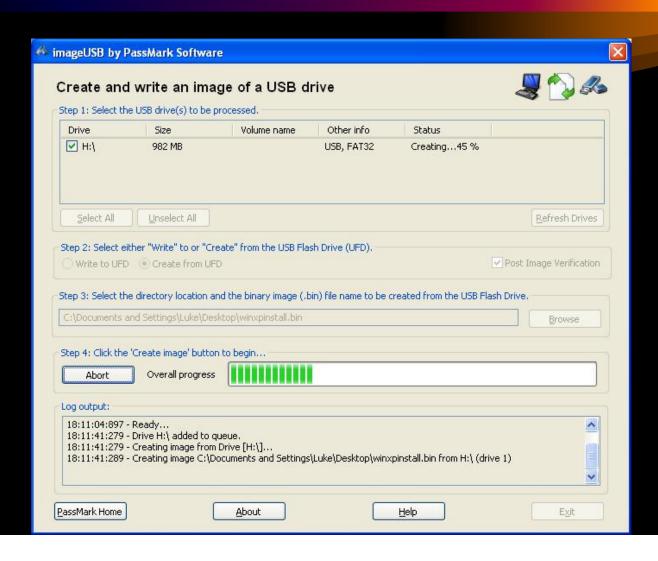
How to create a multi-boot flash drive with several recovery tools using SARDU.



Can I clone / image a USB Flash Drive and make it bootable?

- ImageUSB is a free utility which lets you write an image concurrently to multiple USB Flash Drives. Capable of creating exact bit-level copies of USB Flash Drive (UFDs), ImageUSB is an extremely effective tool for the mass duplication of UFDs. ImageUSB also supports writing of an ISO file byte by byte directly to an USB drive, useful in conversion of bootable CD/DVD iso to a bootable USB drive. ImageUSB can also be used to install OSFClone to a USB Drive for use with PassMark OSForensicsTM.
- WinImage is a fully-fledged disk-imaging suite for easy creation, reading and editing of many image formats and fileystems, including DMF, VHD, FAT, ISO, NTFS and Linux. The disk image is an exact copy of a physical disk (floppy, CD-ROM, hard disk, USB, VHD disk, etc.) or a partition that preserves the original structure.

Can I clone / image a USB Flash Drive and make it bootable?



Links to Windows bootable USB creation utilities!

- Windows 7 USB/DVD download tool
 http://www.microsoftstore.com/store/msstore/html/pbPage.
 Help_Win7_usbdvd_dwnTool
- Sardu http://www.sarducd.it/
- WinToFlash
 http://wintoflash.com/download/en/
- MyPocketXP The portable Windows XP® installation http://mypocketxp.com/
- Magic Disk Mounter

 http://www.magiciso.com/tutorials/miso-magicdisc-overview.htm

Links to Linux bootable USB creation utilities!

- Universal USB Installer
- YUMI Multiboot USB Creator
- XBOOT Multiboot ISO USB Creator
- LiveUSB Install Live USB Creator

These tools can be downloaded at Pendrive Linux

http://www.pendrivelinux.com/

Links to USB Cloning & imaging utilities!

- ImageUSB http://www.osforensics.com/tools/write-usb-images.html
- WinImage http://www.winimage.com/download.htm

Questions & Answers?

Thank you for your time!

