

Boot Disks & BOOT CD CREATION

[DOS 6.22](#)

[DOS 6.22](#) 5 1/4 1.2 meg disk

[Windows 95](#) Original | [Mirror1](#)

[Windows 95](#) Version B | [Mirror1](#)

[Windows 98](#) OEM | [Mirror](#) | [Mirror 2](#)

[Windows 98](#) Custom, No Ramdrive | [Mirror1](#) | [2](#)

[Windows 98 SE](#) OEM | [Mirror](#)

[Windows 98 SE](#) Custom, No Ramdrive | [Mirror](#)

[Windows Me](#) OEM | [Mirror](#)

[Windows Me](#) Custom, No Ramdrive | [Mirror](#)

NTFS [Bootdisks And Bootable CDs](#)

W2K Pro:

[Disk1](#) | [Mirror](#)

[Disk2](#) | [Mirror](#)

[Disk3](#) | [Mirror](#)

[Disk4](#) | [Mirror](#)

[makeboot.exe](#) | [Mirror](#)

[makebt32.exe](#) | [Mirror](#)

W2K: [Server](#) | [Mirror](#)

W2K: [Advanced Server](#) | [Mirror](#)

NT4: [Workstation](#) | [Mirror](#)

NT4: [Server](#) | [Mirror](#)

NT 3.51: [Micron](#)

[XP Home/Pro Original/SP1/SP2](#)

XP Quick Boot Diskette [xpquick.zip](#) | [xpquick.exe](#) | [Read.1st](#)

NTFS [Bootdisks And Bootable CDs](#)

Windows XP Fresh Install [Bootdisk](#) And Bootable [CD](#)

[DOS 6.22](#) | [Mirror](#) | [Win98](#) | [Mirror](#) | [Win98SE](#) | [Mirror](#)
[WinMe](#) | [Mirror](#) Special Disk For Bios [Flashing](#) | [Mirror](#)

Updated [fdisk](#) for Windows 98 bootdisks and/or systems for hard drives over 64 Gig | [Mirror1](#) | [2](#) | [Readme](#)

DOCS:

1. Most of the files above are disk images. Download the file to your C: drive, put a fresh disk in your A: drive, then click on the file to create the bootdisk.
2. If the Primary link is down, use a [Mirror] site to download the file.
3. The W2K Pro disks are zipped images from the MS CD. Best bet is to download them, unzip them to a new folder where you also put makeboot.exe and makebt32.exe into and then run one of the makeboot utils depending on if you're in dos or windows to create the diskset. Or, one can use [Winimage](#) to just create a single bootdisk.
4. The Win9X OEM disks are Images of the Microsoft bootdisks that came with your OS. They put the utilities you need in a ramdrive, or virtual disk which is usually the next drive letter up from your hard drive partitions. Use my Custom disks for a faster, easier to use utility.

Create A XP Boot Disk from System Files

As a hedge against being unable to start XP, you can create a boot disk specifically for Windows XP that may allow you to boot the operating system. This can occur when the active partition boot record or other required files become corrupted.

Using Windows XP, place a blank floppy in drive A and format the disk. Navigate to the root folder of the system (in most cases this will be C:\) and copy the following files to the floppy disk.

Boot.ini
NTLDR
Ntdetect.com

If you can't see the files, click [Tools] and [Folder Options...] in the Menu Bar of Windows Explorer. Click the [View] tab and click the radio button next to [Show Hidden Files and Folders]. Remove the check mark next to [Hide Protected Operating System Files (Recommended)] then click [Apply] and [OK]. The files should now be visible in Windows Explorer. If the files still cannot be copied, right click each file, click [Properties] and remove the checkmark from the Read-Only attributes. Reset whatever attributes were unchecked after the copy procedure is completed.

In addition to the files listed above, check the same directory for bootsect.dos and ntbootdd.sys files. If they are present on your system, copy them to the same floppy diskette.

The disk is used as any other boot disk, inserting it into the floppy drive (A:\) and initiating a cold boot. Make sure the BIOS is set so that the A:\ drive is first in the boot sequence.

There are a few essential items necessary to successfully create the WIN XP Boot CD. You will need:

- The original Windows XP installation CD ROM - The new CD can be created from either the Home or Professional version of Windows XP. If your computer came with an OEM version of XP it can also be used.
- Windows XP Service Pack 1 - It will be necessary to either download SP1 or obtain it on CD. To slipstream, you need the full SP1 which is a 133MB download available [here](#).
- CD Creation Software - A burning program for your CD-R or CD-RW drive that allows creating bootable CD's. Unfortunately, while XP does come with the capability to burn CD's built in, the software it uses is not suitable for this task. Use [Roxio Easy CD Creator](#) to write the CD
- ISO Buster - Used to extract the boot loader image file for the CD. It's a free download [here](#).

Building Directories

The first step is to build a directory structure to hold the files that will be used in the CD creation process. It's a simple structure, requiring nothing more than a main folder with three sub-folders

Main Folder: XP-SS [Located on Drive C]

- Sub-Folder: SS-Boot
- Sub-Folder: SS-Root
- Sub-Folder: SS-XP1

Copying and Extracting Files

- The first step is to insert the Windows XP CD and copy the entire contents into the SS-Root folder or the equivalent folder in your structure.

Before copying the XP CD make sure that the system is set to display all hidden and system files to ensure a complete copy of all files on the CD. The settings to control what files are visible are located in Windows Explorer > Tools > Folder

Options > View tab. Make sure [Show hidden files and folders] radio button is selected and [Hide protected operating system files] is unchecked.

- The second step is to navigate to where you downloaded the Service pack 1 file. If you downloaded SP1 from Microsoft it should be named xpsp1_en_x86.exe. Copy the file to the XP-SS folder and then rename it to xp-sp1.exe after the copy operation completes.

(If you are using the CD of SP1 the files should already be extracted. Copy them into the XP-SS folder)

- Use the Run dialogue shown below to extract the contents of the Service Pack to the previously created SS-XP1 folder.

The Run dialogue box is accessed from [Start] [Run]

The command to begin the extraction is: C:\XP-SS\XP-SP1.EXE -U -X:C:\XP-SS\SS-XP1

- Apply the extracted Service Pack 1 to Windows XP in the SS-Root folder using the [Run] dialogue box.

The Run dialogue box is accessed from [Start] [Run]

The command to apply the Service Pack is: C:\XP-SS\SS-XP1\Update\Update.exe -S:C:\XP-SS\SS-Root

As shown below, Service Pack 1 is being integrated into the Windows installation folder.

Successful completion of the integration process.

In order to make the new CD bootable it's necessary to add the file Microsoft Corporation.img to the folder SS-Boot we created earlier. There are a number of ways to do this but the easiest is to use ISO Buster. With the Windows XP CD in your CD drive, open ISO Buster. Click on Bootable CD in the left pane then right

click Microsoft Computing.img in the right pane, finally clicking Extract Microsoft Corporation.img file.

Extract the file to the SS-Boot folder previously created or your equivalent.

With the preparation out of the way it's time to actually burn the new CD. There are a number of different burning or CD creation programs that can be used to accomplish this task. A large majority of users seem to favor either Easy CD Creator by Roxio or Nero Burning Rom by Ahead Software. This tutorial provides instructions for both programs. The terminology and screens may vary depending on your program choice but the principles remain the same and can be easily adapted no matter what burning software is being used.

Setting Up The Nero Burning Rom Software

