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# Write an Image File to a USB Stick

Many of the procedures in this guide require writing an image file (usually the file name ends in .img or .iso) to a USB stick, so that you can boot from that stick. Here's how you can do that.

#### Windows

Download the program "Win32DiskImager" to your Windows machine.

Now run the "Win32DiskImager" installer under an administrator's account or right click on it and run as an administrator (have your administrator's password ready).

When the program is installed run it under an Administrator's account or right click and run as Administrator.

Now insert the USB stick you intend to use and wait for the computer to recognise it.

Click the small folder icon (1) and navigate to the location of the image file and select it. Now select the USB device by clicking the drop down selector under "Device" (2) if it isn't already selected.

😒 Win32 Disk Imager	
Image File	Device
1	[G:\] -
Copy MD5 Hash:	2
Progress	
Version: 0.9.5 Cancel Read Write	Exit

If you cannot see the image file and you know you are in the correct location then click on the drop down selector that determines the file type to be displayed (1) (this will likely be initially set to display only IMG files, if your image is in the form of an ISO file it won't be shown) and chose the wild card "\*.\*" (2) this will display all files present.

	Select a disk imag	e					X
	00-		10.0		<b>- €</b> ↑	Search Downloads	Q
	Organize 🔻	New folder				•== •	0
	Name	A	Date modified	Туре	Size		
			No items mat	ch your search.			
e							
1							
						1	
						Л	
		File even			- 0:		
		File name:				k Images (*.img *.IMG k Images (*.img *.IMC	
			 		2 🔍		

The image file should now appear.Now select it (1) and click "Open" (2).

	Free	NAS OS 9.10	- 49	Search FreeNAS OS 9.10
Organize   New folder				:≣ • □ (
Name	Date modified	Туре	Size	
ChangeLog.txt	02/04/2016 10:36	Text Document	4 KB	
CHECKSUMS jcon	02/04/2010 10.50	30N File	3 KB	
FreeNAS-9.10-RELEASE.iso	02/04/2016 10:38	PowerISO File	414,872 KB	> 1
FreeNAS-9.10-KELEASE.i.o.sha256	02/04/2016 10/26	CHA256 File	1 KB	
MANIFEST	02/04/2016 10:36	File	1 KB	
README.txt	02/04/2016 10:36	Text Document	2 KB	
ReleaseNotes.txt	02/04/2016 10:36	Text Document	2 KB	
File name: FreeNA	S-9.10-RELEASE.iso		*.*	

With the image file now loaded click on the "Write" button to begin making the bootable USB installer.

😼 Win32 Disk Imager	
Image File	Device
	FreeNAS-9.10-RELEASE.iso
Copy MD5 Hash:	
Progress	
Version: 0.9.5 Cancel	Read Write Exit
	.41

At this point a small window will pop up giving a "confirm write" warning message, click the "Yes" button to proceed.

The image file will now be written to your USB stick.

When the process completes successfully a small window will pop up with "Write Successful" displayed. Click the "OK" button.

Close the application and eject the USB stick.

### Mac OS X

#### Linux

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