


# How To Make A Bootable USB Jump Drive

Applications Engineering

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This procedure is not supported and only offered as a courtesy for folks that desire to create a bootable USB Jump Drive. Elo does not assume any responsibility for issues that arise from using this procedure.

You may want to consider using the information at the following url instead:

<http://www.bootdisk.com/pendrive.htm>

### Tools & Utilities needed:

1. 1- USB Flash drive (thumb drive, USB stick etc..), at least 2 Gb in size. (the example in this procedure uses a [4-Gb Verbatim Store 'n' Go® USB Flash Drive](#).
2. HP Disk Storage Format Tool, available to download at the following url:  
<http://h20000.www2.hp.com/bizsupport/TechSupport/SoftwareDescription.jsp?swItem=MTX-UNITY-I23839&lang=en&cc=us&idx=2&mode=4&> (this is a 3<sup>rd</sup> party disk formatting tool in which Elo has not control over and does not support its use or any damage that may occur while using it.)
3. The following DOS boot files:  
[COMMAND.COM](#)  
[IO.SYS](#)  
[MSDOS.SYS](#)

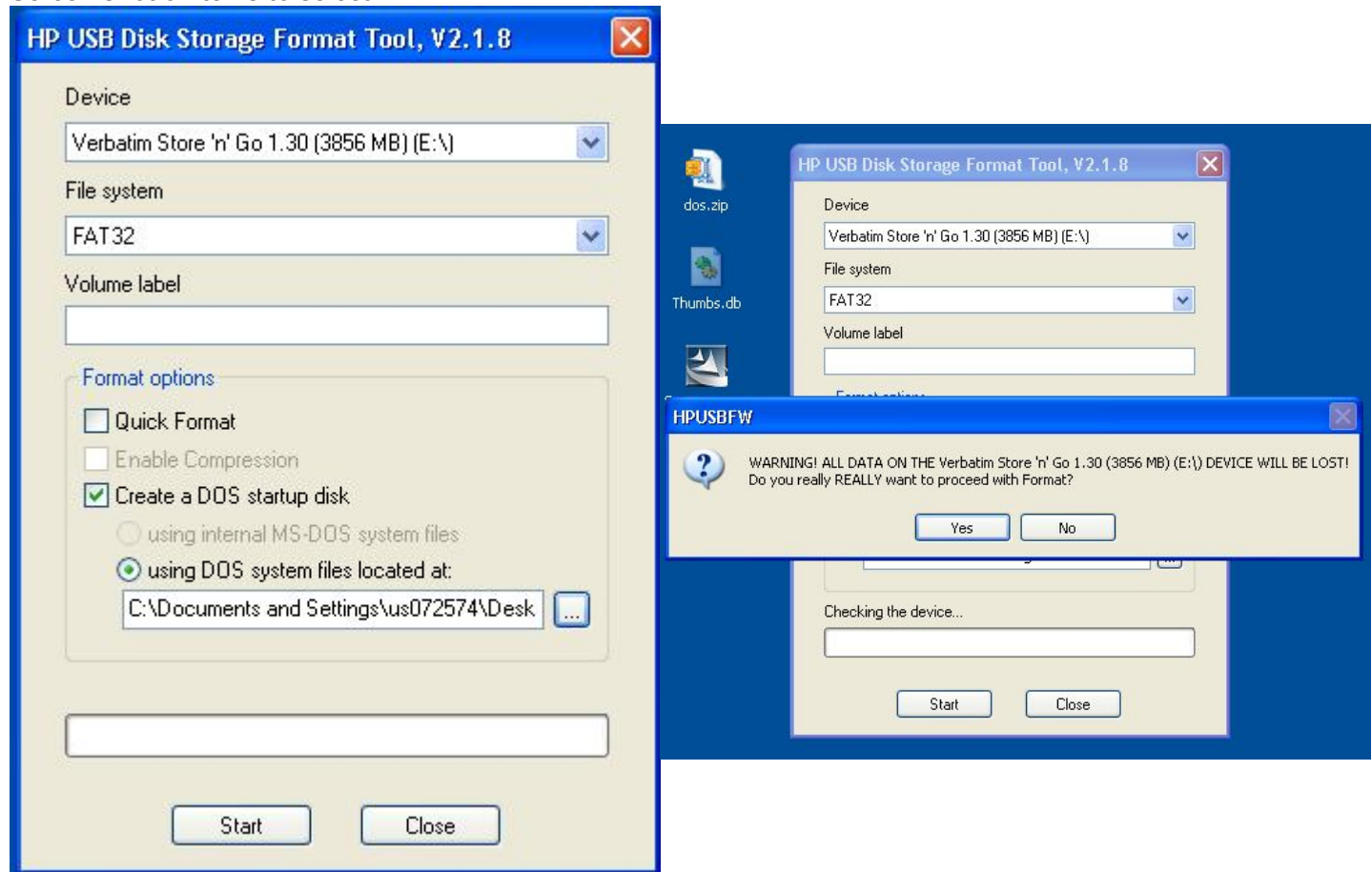
Msdos.sys Command.com Io.sys

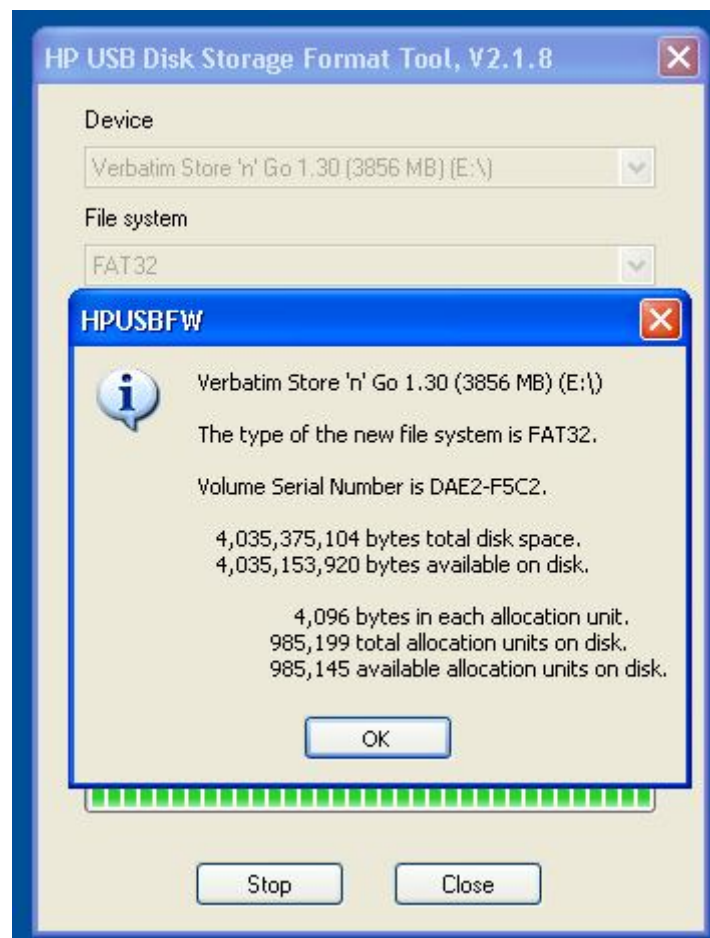
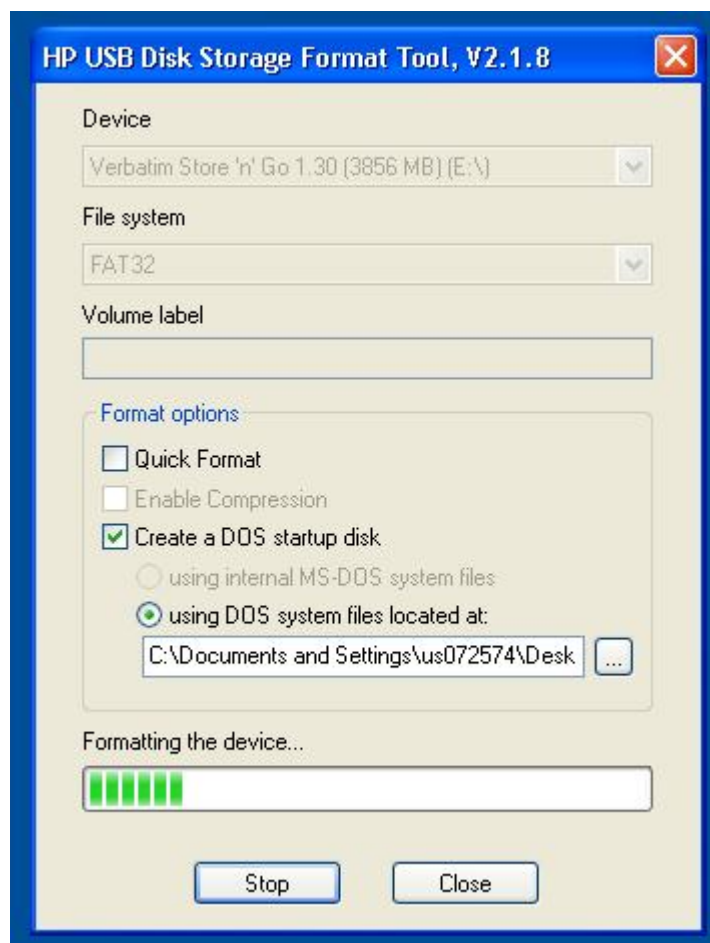
If you do not have the DOS boot files available, currently they can be downloaded at the following URL:  
[http://www.sysanalyser.com/USB\\_CD\\_floppy.html](http://www.sysanalyser.com/USB_CD_floppy.html) (this is a 3rd party site in which Elo does not have any control over and does not offer any kind of support for.)

### Procedure:

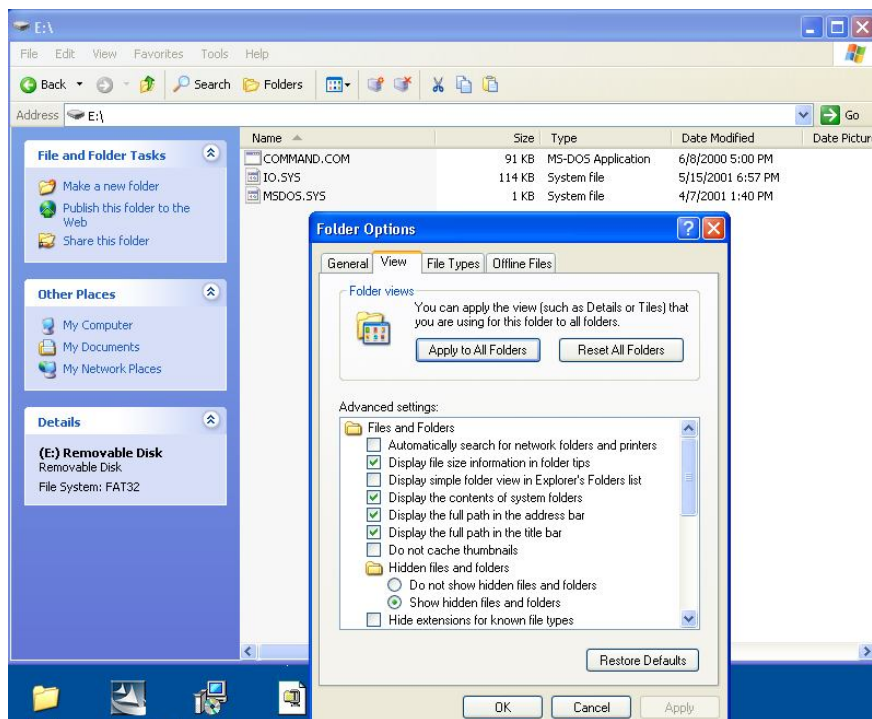
1. Make the USB flash drive bootable: With the USB flash drive inserted into a USB port on a Windows XP/Vista computer, run the HP Disk Formatting tool. Select the USB flash device from the device drop down menu, select FAT32 from the File System drop down menu, place a check in the box labeled "Create a dos startup disk," and select "Using DOS system files located at" and navigate to the location you saved the 3-DOS files (COMMAND.COM, IO.SYS, MSDOS.SYS). Then select START. The HP Disk formatting tool will then erase any information on the USB flash device and format it with the DOS boot files.

### Screen shot of items to select:





2. After making USB flash drive bootable, go to My Computer, open the USB flash drive, open the folder where the files are located that you want to add, and drag them onto the USB flash drive. If you do not see the DOS boot files on the USB flash drive, you can go to Folder Options / View and select "Show hidden files and folders." You should then be able to see them. See next screen shot for example.



3. Once the files are on the USB flash device, connect it to the touchcomputer.
4. Shutdown the touchcomputer with the USB flash device connected.
5. Restart the touchcomputer. While the touchcomputer is restarting, tap the "del" key. This will allow you to go into the BIOS to select the necessary boot options.
6. Once in the BIOS, navigate to the "BOOT" section. Select "Hard Disk Drives" and find the newly formatted USB flash drive. In our test it was named "Verbatim Store". Set the USB flash drive as the first device. Make the Hard Drive the second device. Then go to the "Boot Device Priority" section and make sure to set the USB flash device as your 1<sup>st</sup> Boot Device. You may also want to disable "fast boot" in the BIOS. Save changes by selecting F10 on the keyboard and choose "OK." Restart computer and you should now be able to boot from the USB jump drive.

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