

Ramdisk tutorial for windows

Where to find the software

- <https://sourceforge.net/projects/imdisk-toolkit/>
- <https://sourceforge.net/projects/imdisk-toolkit/files/20170706/ImDiskTk-x64.exe>
- <https://sourceforge.net/projects/imdisk-toolkit/files/20170706/ImDiskTk.exe>

AFTER YOU INSTALL THE SOFTWARE

- Go [here](#), download the script and run it.

Steps to take after installing the software (permanent)

- Hit winkey + pause/break or right click “my computer” and go to properties
- Select “Advanced system settings” from the window that appeared
- From “Advanced” tab select “environment variables”
- Change both TMP and Temp on both the user and system variables to R:\Temp (or create them, if they don’t already exist somewhere)

The previous changes will change your windows temporary storage to the directory R:\Temp, which will be the folder Temp on drive R we will create on each bootup of the machine, a folder in the ramdisk essentially.

Steps you'll need to take on each bootup

- Open ImDisk Virtual Disk Driver, that came with the installation of the software provided in earlier links.
- Click on “Mount new”, change drive letter to R and then edit the size of the virtual disk.
- Don't mess with the image file offset and move on with selecting “harddisk volume” and “create virtual disk to physical memory”
- Select “OK”

Steps you'll need to take on each bootup (cont.)

- Right click on the new drive you just created and select “format”.
- Select FAT32 for smaller than 4 gb drives and NTFS for anything else.
- Leave everything else on default and also untick the quick format option.
- Hit “start”

The previous steps will create a virtual disk on your RAM. Make sure you put thought on how much ram you would want to sacrifice for that, because once the ramdisk is created on it, you cannot use that ram for anything else before a reboot.

This also clearly means that a reboot wipes and is the only thing that gets rid of the ramdisk completely.

What to do after the ramdisk is created

- Simply log off your profile and relog.
- It's important to state that a log off is necessary because Windows check the system variables we set earlier on each log in.

So a relog both creates that directory on that new ramdisk and also makes it available for use for the windows filesystem to store temporary data there.

Congratulations, your ramdisk is ready

Be sure to backup the data you want to keep back to your main drives before shutting down or rebooting the machine, as data on ram is lost every time ram loses voltage

Helpful

This script completely erases the TMP and Temp directory of your system every time you run it. Especially helpful to empty your ramdisk as well as getting rid of junk on your PC.

[Script](#)