

## RAMDISK PLUS HOW-TO INSTRUCTIONS FOR EVERYDAY PC USAGE

### How do I speed up web browsing?

Point your browser cache to RamDisk Plus. Not only does this speed up web browsing, it also increases the security of your Internet history. Because it is located on the RAM disk, your browser cache is automatically cleared at shutdown.

Follow the instructions below for your web browser:

#### Chrome

- There is no setting in the graphical user interface of the Chrome browser to change the location of its cache. If you're comfortable working the command line you can try [this](#).
- Or try this:
  - Right-click Chrome in your Start menu
  - Select Properties, where you will see Chrome's file path in the Target box (ending in chrome.exe).
  - **Add a space** after *chrome.exe* and add this string of text:  
*--user-data-dir="your folder path"*
    - **Please note:** the string starts with two dashes, not one.
  - Replace "*your folder path*" with the RAM disk path you will be using for your Chrome cache. If your RAM disk is "G:":
    - "G:"
    - Or if you are using a specific folder on the RAM disk for your cache (replacing *FolderName* with the actual folder name): "G:\FolderName"

#### Firefox

- Open the Firefox web browser
- Type in about:config in the Firefox address bar
- Right-click and select New > String from the menu. Enter browser.cache.disk.parent\_directory as the preference name and the new path to the RamDisk Plus drive

#### Internet Explorer

- Open Microsoft's Internet Explorer and click on Tools > Internet Options. Internet Options are also accessible from the Windows Control Panel.
- Click on Settings next to browsing history in the General tab
- Click on Move Folder in the next window
- Select the RamDisk Plus drive

#### Opera

- Right mouse click on the Opera desktop icon and select Properties

- **Edit Target** to include the following:
  - Add a space after *launcher.exe*" and add this string of text:
   
  
`--disk-cache-dir=your folder path`
  
  
**Please note:** the string starts with two dashes, not one.
  - Replace *your folder path* with the RAM disk path you will be using for your Opera cache. If your RAM disk is F: use
    - F:
    - Or, if you are using a specific folder on the RAM disk for your cache (replacing *FolderName* with the actual folder name): `F:\FolderName`

### How do I speed up printing?

Move the print spool folder to RamDisk Plus.

If you've set up a Windows XP system to act as a print server on your network, you can improve the print server's responsiveness. All you need to do is move the print spool folder from its default location to RamDisk Plus. The performance gain comes from separating the management of the potentially huge spool file from the same drive on which the Windows system files exist.

To move the print spool folder to RamDisk Plus:

- Create a RAM disk of sufficient size to hold the spool files.
- Go to Start -> Printers and Faxes. (Or, in classic view: Start -> Settings -> Printers and Faxes).
- From the top menu select File\Server Properties.
- Select the Advanced tab. Enter the RAM disk's drive letter (e.g. S:\) in the Spool Folder text box, and click OK.
- In the warning message dialog box, click Yes.

### How do I speed up temp file access?

Point where temporary files are stored to RamDisk Plus.

To change the location of the System Temp folder, follow the steps given below:

- Right click on Computer
- Click on Properties
- Click on Advanced system settings
- Click on the Advanced tab
- Click on the button near the bottom labeled Environment Variables
- You may see both TMP and TEMP listed in the section labeled User variables for (account). That's the common location; each different login account is assigned its own temporary

location. In the Variable value Edit box you may specify the path to the directory that Windows and many other programs will use for temporary files.

Be sure and repeat that process for both TMP and TEMP.

You'll need to restart any running programs for the new value to take effect. In fact, you'll need to restart Windows for it to begin using the new value for its own temporary files.

### **How do I put a Pagefile on RamDisk Plus?**

**\* If your Pagefile is on an SSD, moving the Pagefile to a RamDisk is not supported.**

- Right-click on My Computer and click on Properties.
- Click on the Advanced tab.
- Click the Settings button in the Performance box.
- Click on the Advanced tab in the Performance Options dialog window.
- Click the Change button in the Virtual Memory box.
- In the Virtual Memory dialog window
  - Select RamDisk
  - Select the Custom size: radio button
  - Set initial size and maximum size to be just a little smaller than the size of RamDisk Plus.  
Tip: Immediately above Custom size: is Space available: which is the size of RAM disk.
  - Select the drive that currently has the paging file.
  - Select the No paging file radio button.
- Click OK.
- Restart the computer for the new settings to take effect.

### **How do I reduce writes on SSDs with RamDisk Plus?**

If your computer only uses a solid state drive (SSD), use RamDisk Plus as a cache to store data – including:

- Temporary Internet files (located in your web browser cache)
- Temporary files

Follow the instructions above for the types of data listed here.

### **How do I make a folder on RamDisk Plus into a network share?**

- Right-click on the disk or folder you wish to share, and select Sharing and Security.
- Select Share this folder or, if already shared, click on New Share.
- Enter the new Share name and a Comment.
- Set User limit, Permissions, and Caching as required.
- Click OK to create the share and close the property page.

### **How do I mount RamDisk Plus at a mount point?**

RamDisk Plus supports mount points. However, it is not configurable in Disk Management. Instead you must use the command-line interface mountvol.

Open a command-prompt window and enter mountvol. Suppose it lists RamDisk Plus with drive letter R: as follows:

To mount RamDisk Plus R: at c:\mountpoints\ramdisk enter:

```
mountvol c:\mountpoints\ramdisk \\?\Volume{8c4f2cc4-20d71-11ed8-80c9-806d6172696f}
```

Placing a file in the root of R: and placing the file in c:\mountpoints\ramdisk\ will now accomplish the same thing, as both paths point to the same object.

To remove the above mount enter:

```
mountvol c:\mountpoints\ramdisk /D
```

### **Quick-Start**

From the Action menu, choose:

- Add to create a new RAM disk.
- Load to create a RAM disk from an existing image file.
- View to retrieve data from RAM disk image files stored on disk without having to create a RAM disk.

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