



PARAGON Software GmbH, Systemprogrammierung

Heinrich-von-Stephan-Str. 5c ● 79100 Freiburg, Germany

Tel. +49 (0) 761 59018201 ● Fax +49 (0) 761 59018130

Internet [www.paragon-software.com](http://www.paragon-software.com) ● Email [sales@paragon-software.com](mailto:sales@paragon-software.com)

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# Paragon HFS+ for Windows

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Quick User Guide

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## Product Concept

After the introduction of Intel-based Apple computers, Mac users have got the option to combine their Mac OS X environments with Microsoft Windows (XP and later), which can be easily installed as an additional OS with the help of Apple Boot Camp. It should have been a real breakthrough if not for a naughty nuance – data sharing between Mac and Windows domains is a real problem, as Windows doesn't know a thing about HFS+, the primary file system for Macintosh computers, while Mac OS X only provides read access to NTFS.

With release of NTFS for Mac, Paragon Software has offered an elegant solution for these limitations. With a low-level file system driver on the Mac side providing full read/write access to NTFS, the company has managed to open up an effective communication channel between Mac OS X and Windows.

Paragon HFS+ for Windows is a promising successor of this trend. It's a file system driver that can offer full read/write access to HFS+/HFSX volumes under Microsoft Windows.

### KEY FEATURES

Let us list some of the key features:

- Simplicity
- Background operation
- System Integration

### RESTRICTIONS AND KNOWN ISSUES

Paragon HFS+ for Windows has got a number of limitations, which however are going to be fixed in the nearest future:

- No support for resource forks;
- No support for symbolic links and hard links;
- No support for ACL (Access Control List).

## Getting Started

In this chapter you will find all the information necessary to get the product ready to use.

### TARGET ENVIRONMENT

Paragon HFS+ for Windows can operate smoothly on different computer configurations. Below you can only find two requirements:

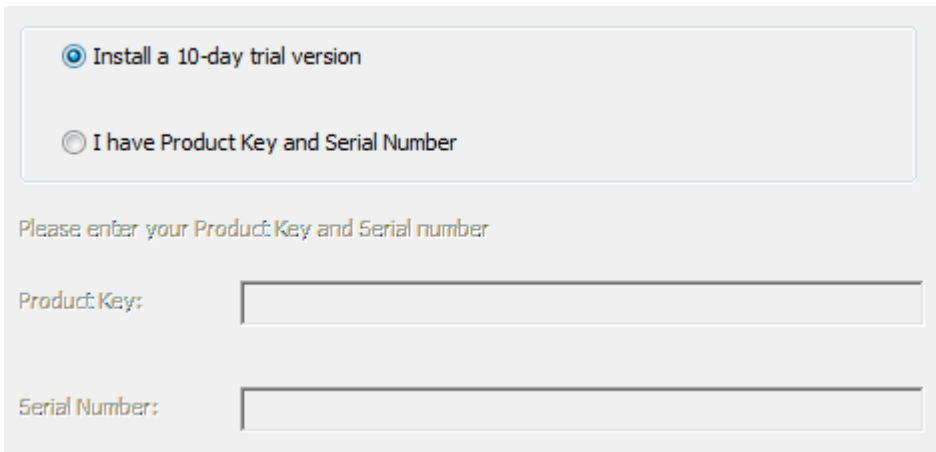
- Microsoft Windows XP/Vista/7/8/Server 2008 (32 or 64 bits);
- You are to be logged in as a system administrator to install the driver.

### INSTALLING THE DRIVER

1. Click on the supplied setup file to initiate the installation (**HFS4WIN\_XX\_x32/64.msi**, where XX indicates localization of the installation package, for instance EN for English, DE for German, ES for Spanish, RU for Russian, etc.).
2. The Welcome page will inform that the application is being installed. Click **Next** to continue.
3. Please Read Paragon License Agreement carefully and then select the appropriate option to accept. Otherwise you won't be able to proceed with the installation. By clicking the **Print** button, the license agreement may also be printed out.



4. Provide your registration info, i.e. product key and serial number, or select **Install a 10-day trial version** to try our driver for 10 days with no limitations. For more information, please consult the [Trial Version](#) section.

A screenshot of a registration options form. It features two radio button options: "Install a 10-day trial version" (selected) and "I have Product Key and Serial Number". Below these options, there is a prompt: "Please enter your Product Key and Serial number". Underneath this prompt are two input fields: "Product Key:" and "Serial Number:", each with an empty text box next to it.

5. Provide the standard customer information, i.e. user name and organization. Besides you need to decide whether to make the driver available for all users of this computer (if several) or only for the current one.

User Name:

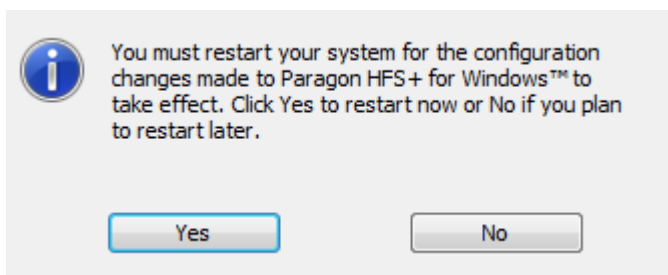
Organization:

Install this application for:

Anyone who uses this computer (all users)

Only for me (Windows User)

6. On the next page click **Install** to start the installation or **Back** to return to any of the previous pages and modify the installation settings.
7. The Final page reports the end of the setup process. Click **Finish** to complete the wizard.
8. Once the installation procedure is completed you need to restart the system to activate a system driver that will enable to access HFS+/HFSX volumes.



## TRIAL VERSION

If installing a trial version of our driver, just after the system restart you will be prompted either to:

Paragon HFS+ for Windows™  
 You are currently evaluating software.

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You've got 10 more day(s) to use the trial version.  
 On 8/13/2010 2:10:58 AM Paragon HFS+ for Windows™ will stop working until you activated it.

Choose what to do next

Buy Paragon HFS+ for Windows™

I've already got the key and serial number and want to activate the software

I want to continue evaluating for now

Do not show this warning again

- Purchase a full version by following a direct buy link;
- Activate the current version by entering your product key and serial number;
- Continue to evaluate our driver with the option to suppress this dialog from showing up.



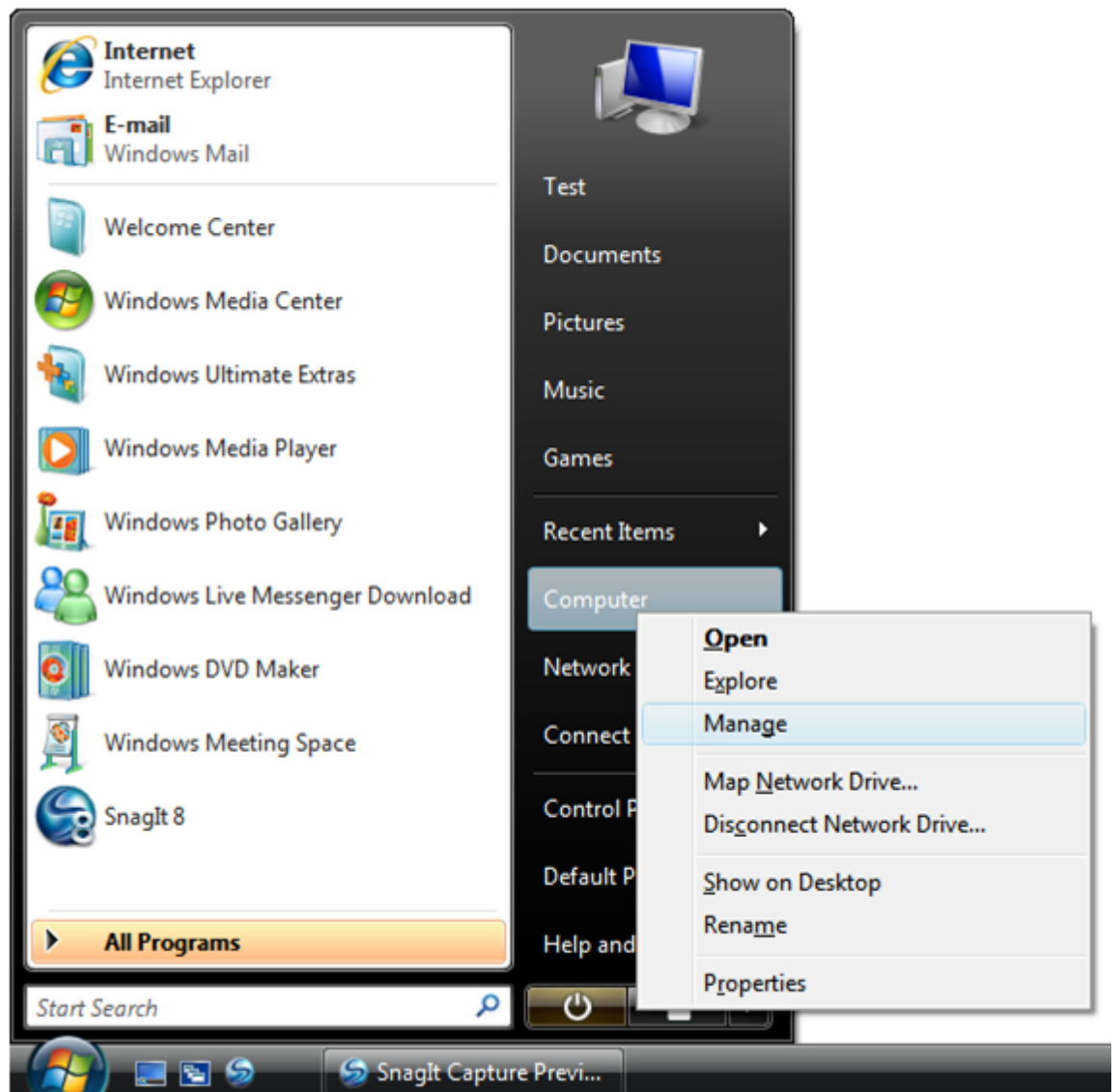
Once a 10-day trial version of the driver has expired, you will get a warning message the moment you log on to the system. Click **Don't show this message again** to suppress it.

## ACCESSING HFS+/HFSX VOLUMES

By default Windows will automatically mount (assign drive letters to) all found HFS+/HFSX volumes. Anyway if this option is not active in your operating system, you will need to do it manually with the help of **Disk Management**.

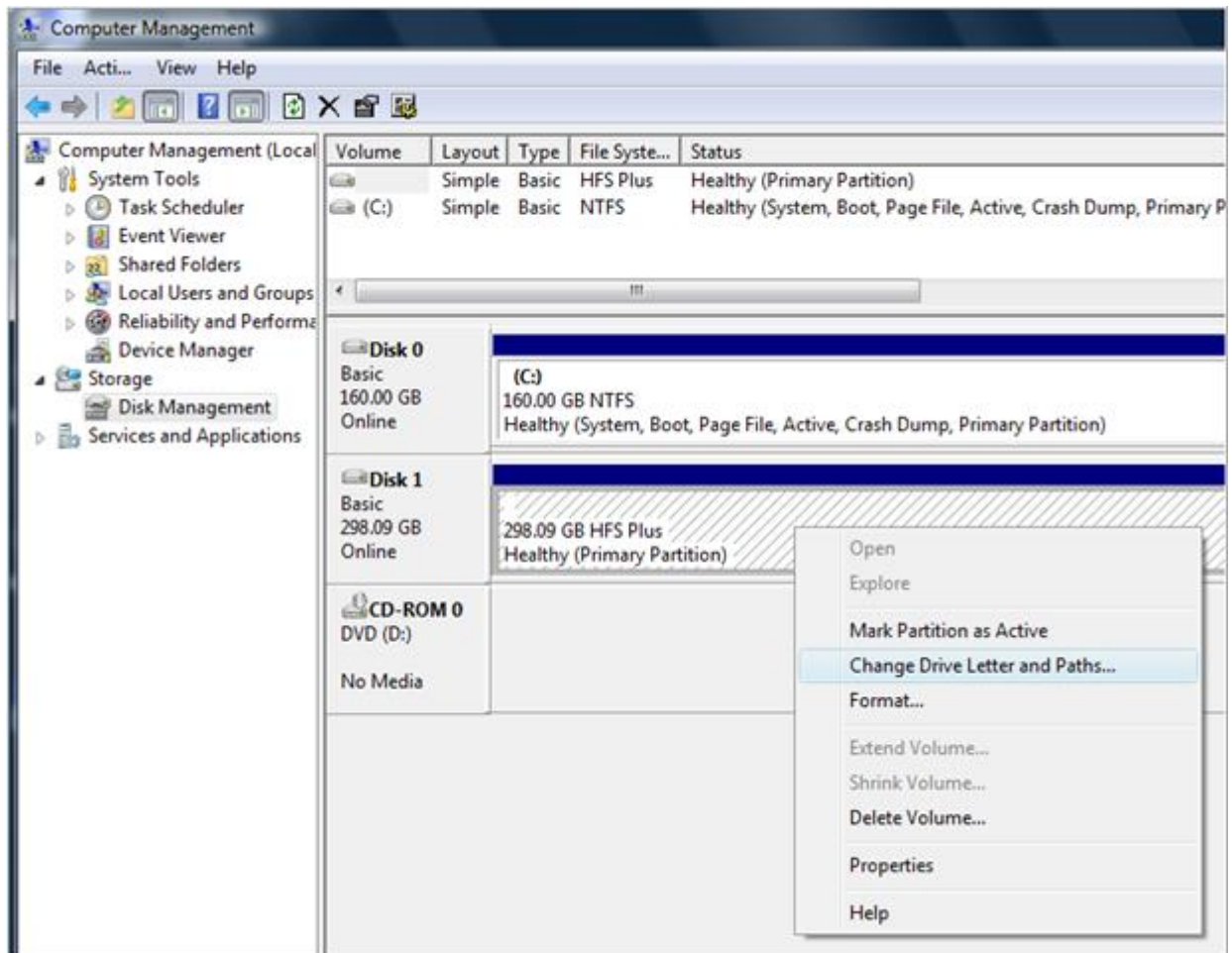
To mount a HFS+/HFSX volume, please do the following:

1. Open **Disk Management**:
  - Call the popup menu (right click of the mouse) for the **My Computer** icon, which can be found either in the Start menu or at the Desktop;
  - In the opened menu, select **Manage**.

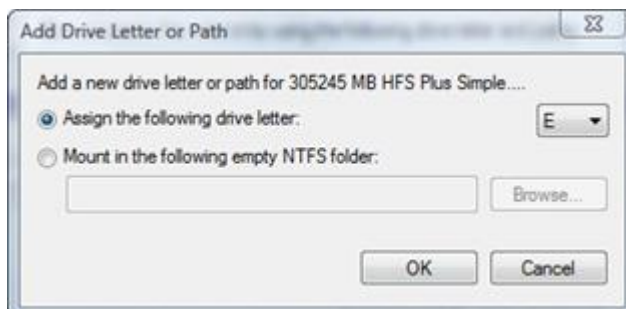


- In the opened window of Computer Management, select **Disk Management** in the left pane to see all hard disks connected to your computer in the right pane.

2. Call the popup menu for a HFS+/HFSX volume (right click of the mouse button), then select **Change Drive Letter and Paths...**



3. Select a drive letter from the pull-down list to assign it to the volume.



As a result you'll get a new volume in your system available for all applications.

