

NewerTech NuDrive



The NewerTech NuDrive is a formatting application built for Apple® Mac® and PC users who require a simple walk-through of the hard drive or SSD formatting process.

NuDrive uses standard OS X® and Windows® formatting options to create the volumes needed to store information on your new drive. The benefit is a standard format, created with steps that are easier for many users to understand.

STEP 1

Connect your new drive to a power source if needed (consult your user guide if you are unsure), then connect the drive to your computer using the included data cable.

STEP 2

After a few seconds an icon that says “Newer Setup” will appear -- by default the icon should appear on the OS X Desktop, or within “My Computer” for Windows. Double-click the icon to access the NuDrive application. A window will open displaying a new set of icons (shown at right).

NOTES:

- All of the bundled software is stored in the “NewerTech Software” folder.
- The screenshots in this guide depict the OS X operating system, but the steps are the same on a Mac or PC.



STEP 3

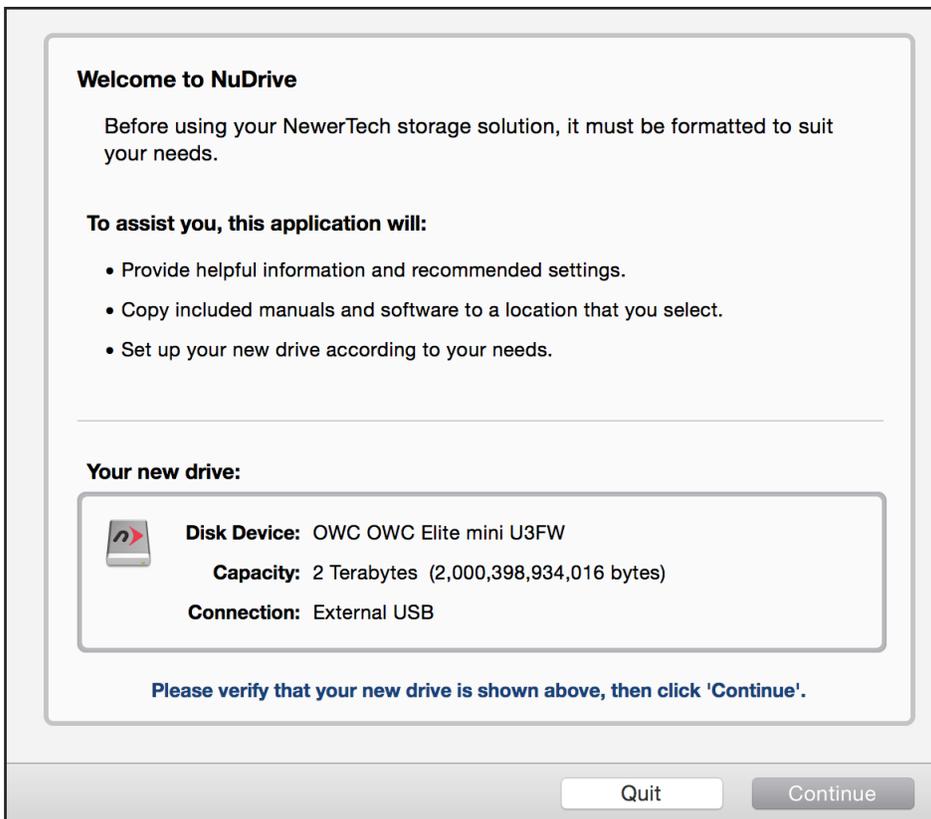
Double-click the NuDrive icon to open the first setup screen. You will have to enter the password for your OS X user account before the screen appears.

STEP 4

Verify under "Your New Drive" that your disk is available to NuDrive, then click the Continue button (shown at right).

STEP 5

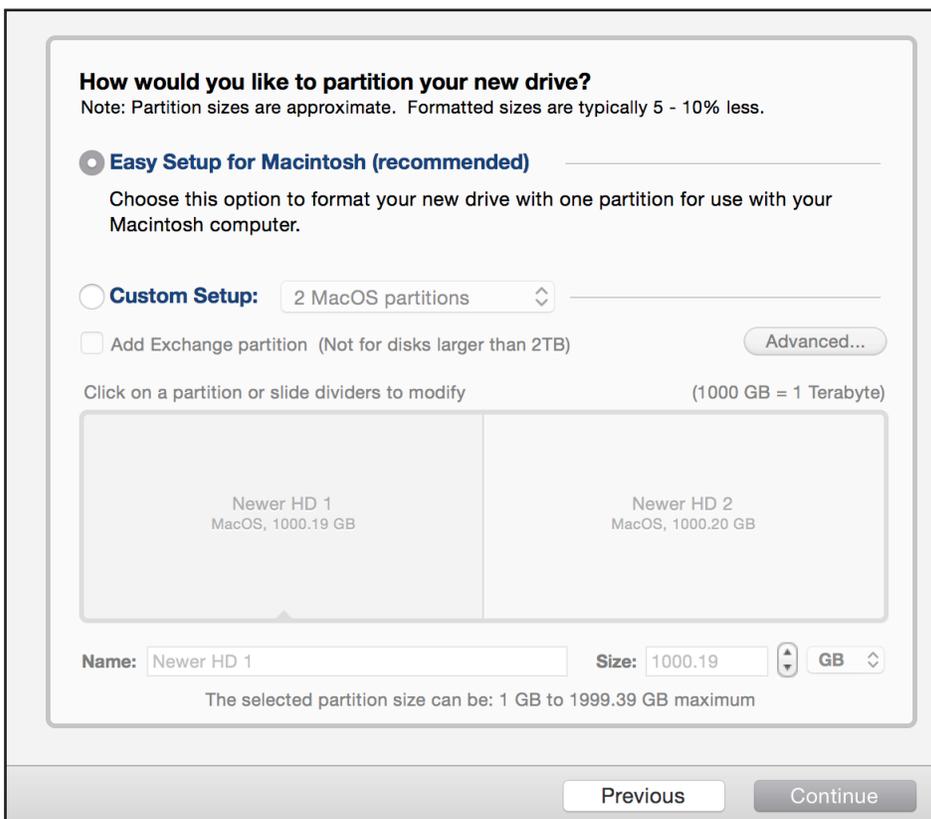
Review the End User License Agreement (not pictured) and if you agree with the terms, click Accept to continue the process.



STEP 6

If you intend to format your drive as a single volume, leave the "Easy Setup..." option intact and then click Continue.

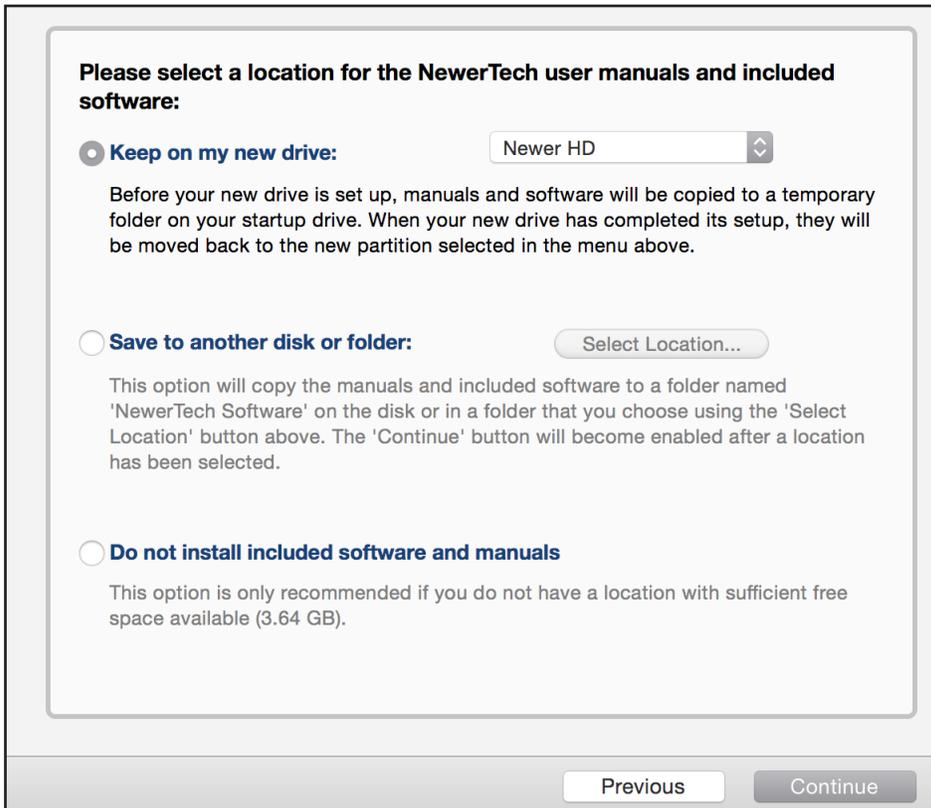
If you intend to format your drive with multiple partitions or custom settings, please skip ahead to page 5.



STEP 7

Decide whether you want to keep the included software installers and manuals, and if so, choose a location for them.

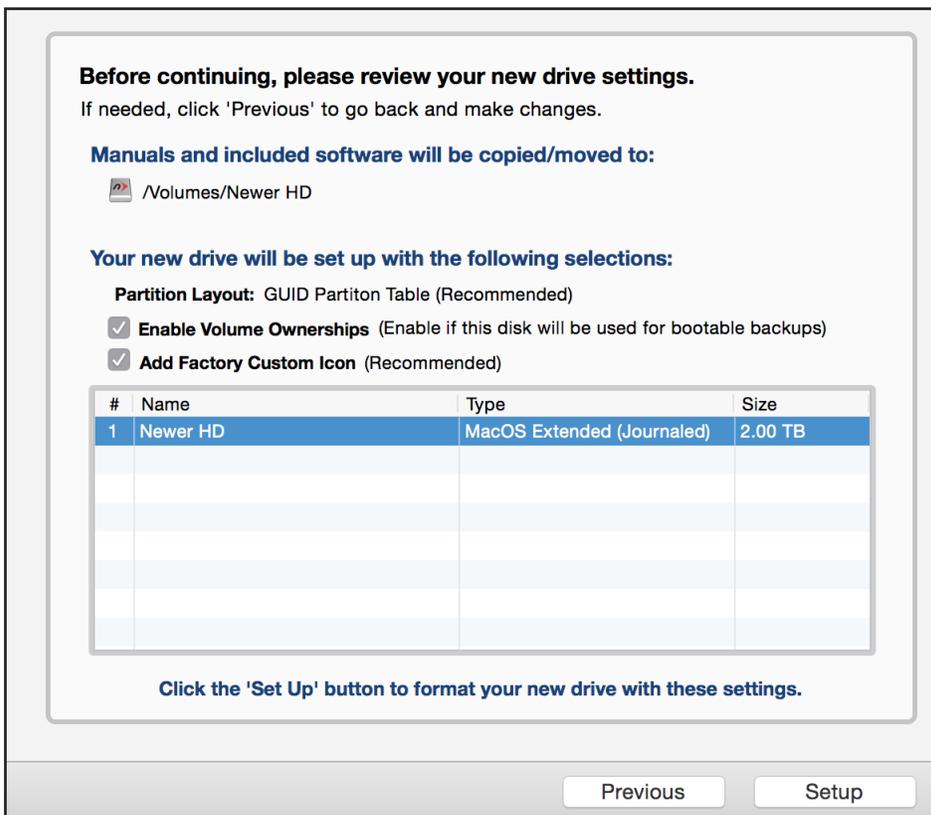
Click Continue when you are ready.



STEP 8

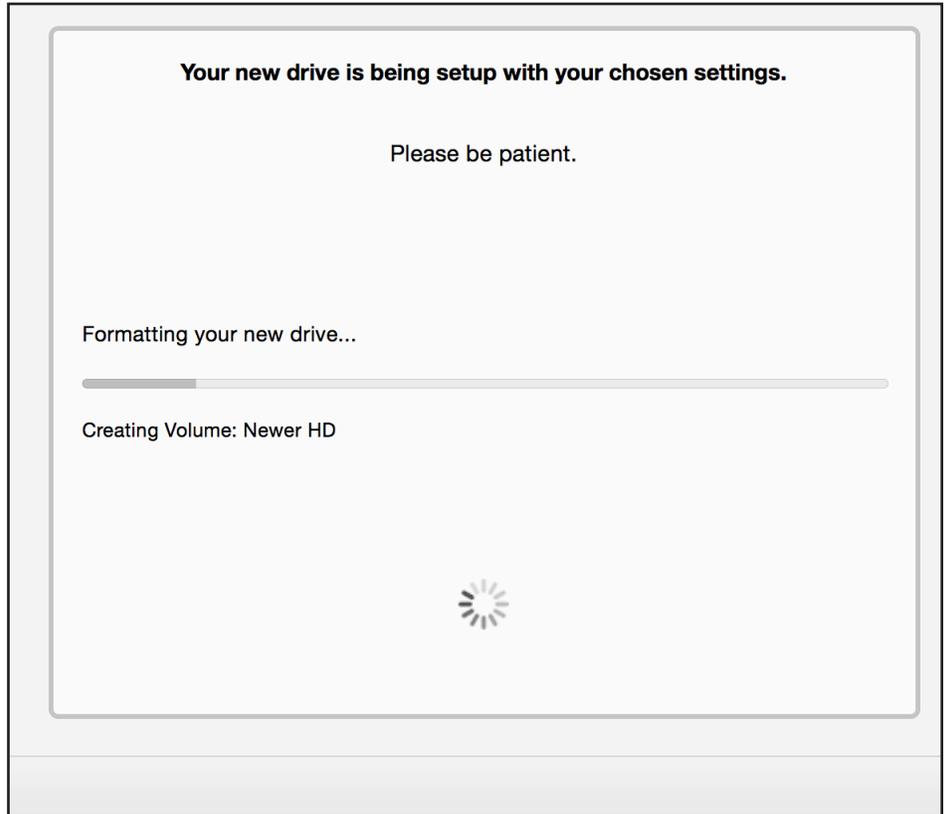
The NuDrive application will automatically choose the proper partition map scheme and format type for your system.

Decide whether you want to enable volume ownership and a custom drive icon, then click Setup.



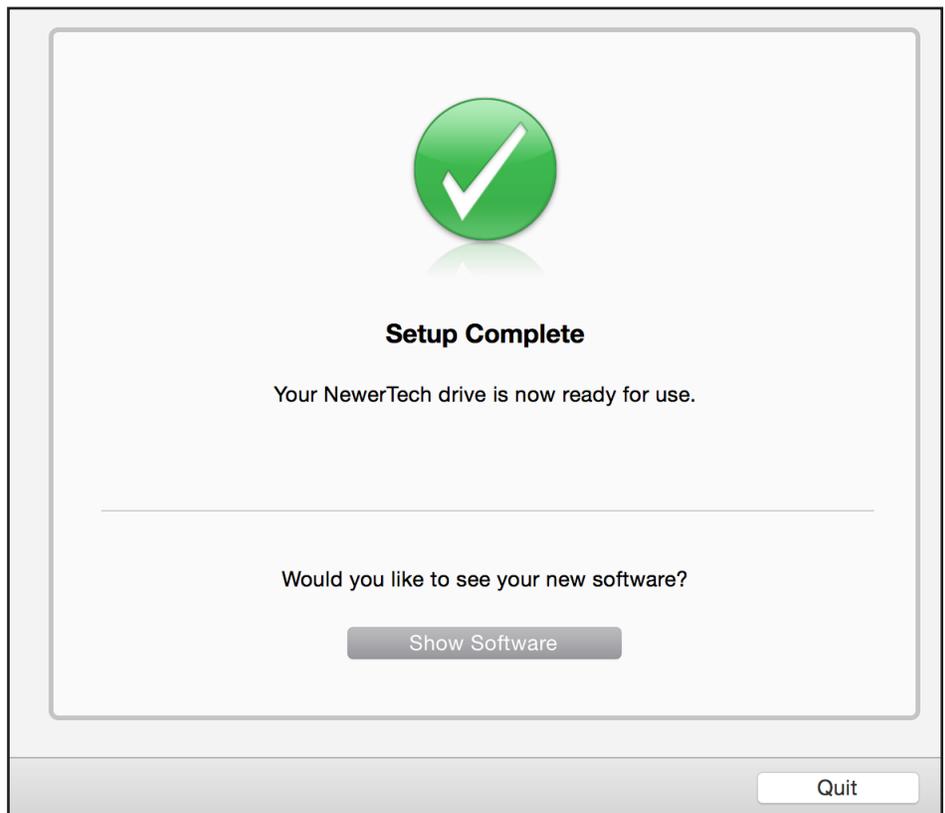
STEP 9

While the drive is formatting you will see a progress meter screen. You do not need to do anything during this period of time.



STEP 10

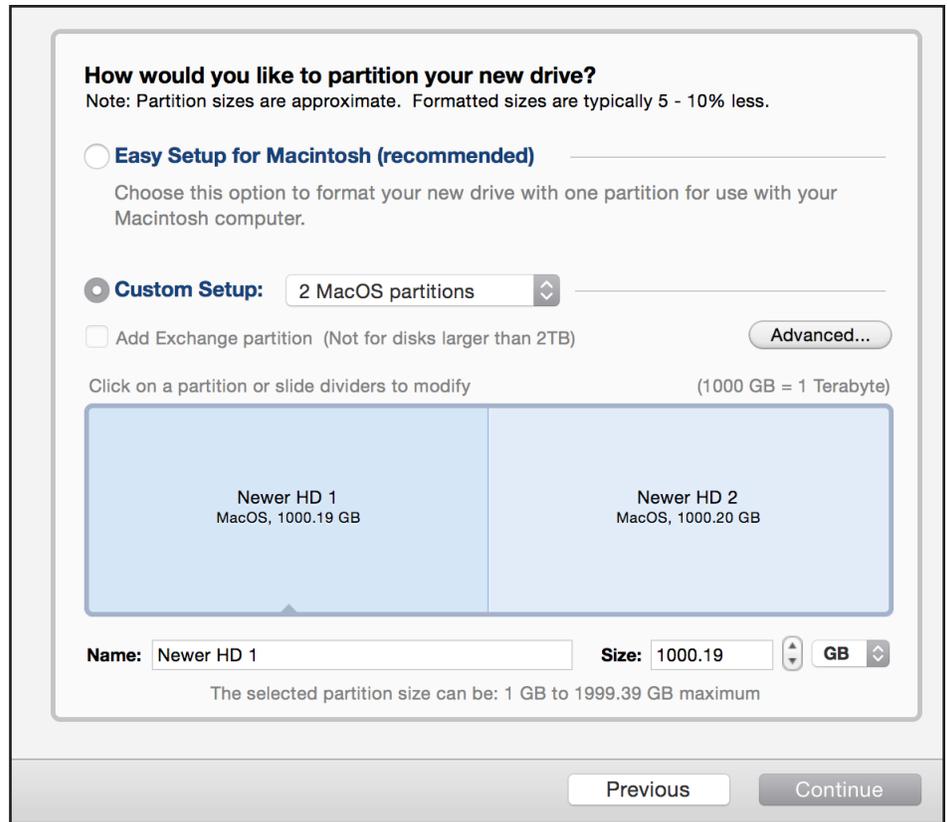
Once you see the "Setup Complete" screen, click the Quit button to exit the NuDrive application and begin using your newly formatted drive.



STEP 6c - Custom Setup

If you need to use custom partition or formatting options, click the "Custom Setup" button.

For this example we'll choose the option to create "2 Mac OS partitions". On the Windows side this would list as "2 NTFS partitions".



STEP 7c

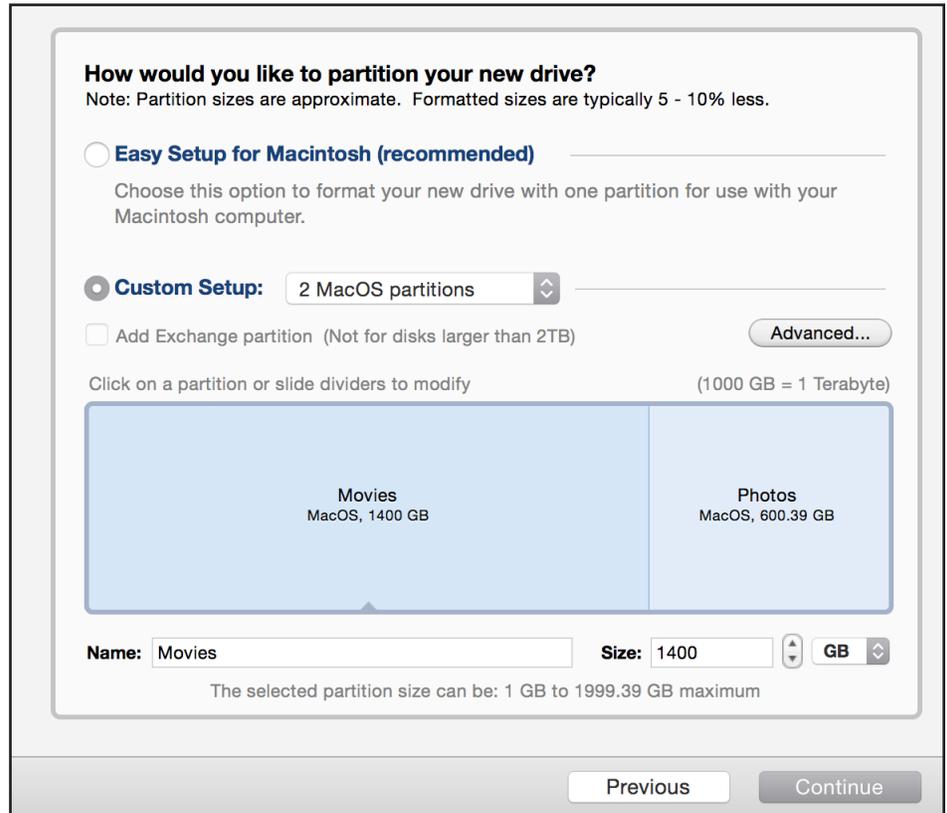
Click the pop-up menu to the right of the "Custom Setup" button and choose the number of partitions (volumes) you want to create. Example: you could create one to store photos, and another to store movies.

STEP 8c

To change the size of one volume relative to the other, drag the vertical divider(s) in the blue box to the left or right. As one volume is made larger, the other decreases in size by the same amount.

STEP 9c

To give each volume its own name, highlight each section of the blue box, then type into the "Name" field.



STEP 10c

If you have a specific reason for it, you may want to change the partition map scheme of the volumes being created. For Mac volumes you can also enable or disable journaling, as well as case-sensitive partitions. To do this click the Advanced button.

Note: for the large majority of use cases, these types of changes are not required.

Note: The Windows version provides only two options -- whether to choose GUID Partition Table or the Master Boot Record (MBR) for your partitions.

Click OK when you're finished and you will be returned to the prior screen.

Choose a partition scheme appropriate for the way that you will use your drive: (This is optional)

Apple Partition Map
I will use my new drive to start up a PowerPC-based Mac, or as a non-startup drive with any Mac. Note: USB devices cannot be used as a start up drive on PowerPC Macs. This option is NOT compatible with 'Exchange' partitions.

GUID Partition Table (Recommended)
I will use my new drive to start up an Intel-based Mac, or as a non-startup drive with any Mac running MacOS X 10.4 or later. This option is NOT compatible with 'Exchange' partitions.

Master Boot Record (MBR) (not available for disks larger than 2TB)
I will use this drive to start up Windows computers, or with devices that require a Windows compatible partition (i.e. Exchange partition). This partition scheme may also contain Mac volumes, but they cannot be used as a startup drive or mounted on a Windows computer. Note: Exchange partitions may be a maximum of 32 GB in size.

Enable journaling on all Mac OS partitions (Recommended)

Make all Mac OS partitions case-sensitive (Not recommended)

Default Cancel OK

STEP 11c

When your custom settings are made, click the Continue button.

How would you like to partition your new drive?
Note: Partition sizes are approximate. Formatted sizes are typically 5 - 10% less.

Easy Setup for Macintosh (recommended)
Choose this option to format your new drive with one partition for use with your Macintosh computer.

Custom Setup: 2 MacOS partitions

Add Exchange partition (Not for disks larger than 2TB) Advanced...

Click on a partition or slide dividers to modify (1000 GB = 1 Terabyte)

Movies MacOS, 1400 GB	Photos MacOS, 600.39 GB
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Name: Size: GB

The selected partition size can be: 1 GB to 1999.39 GB maximum

Previous Continue

STEP 12c

Decide whether you want to keep the included software installers and manuals, and if so, choose a location for them.

Click Continue when you are ready.

Please select a location for the NewerTech user manuals and included software:

Keep on my new drive: Movies ▾

Before your new drive is set up, manuals and software will be copied to a temporary folder on your startup drive. When your new drive has completed its setup, they will be moved back to the new partition selected in the menu above.

Save to another disk or folder: Select Location...

This option will copy the manuals and included software to a folder named 'NewerTech Software' on the disk or in a folder that you choose using the 'Select Location' button above. The 'Continue' button will become enabled after a location has been selected.

Do not install included software and manuals

This option is only recommended if you do not have a location with sufficient free space available (3.64 GB).

Previous Continue

STEP 13c

Decide whether you want to enable volume ownership and a factory custom drive icon, then click Setup.

Before continuing, please review your new drive settings.
If needed, click 'Previous' to go back and make changes.

Manuals and included software will be copied/moved to:

 /Volumes/Movies

Your new drive will be set up with the following selections:

Partition Layout: GUID Partiton Table (Recommended)

Enable Volume Ownerships (Enable if this disk will be used for bootable backups)

Add Factory Custom Icon (Recommended)

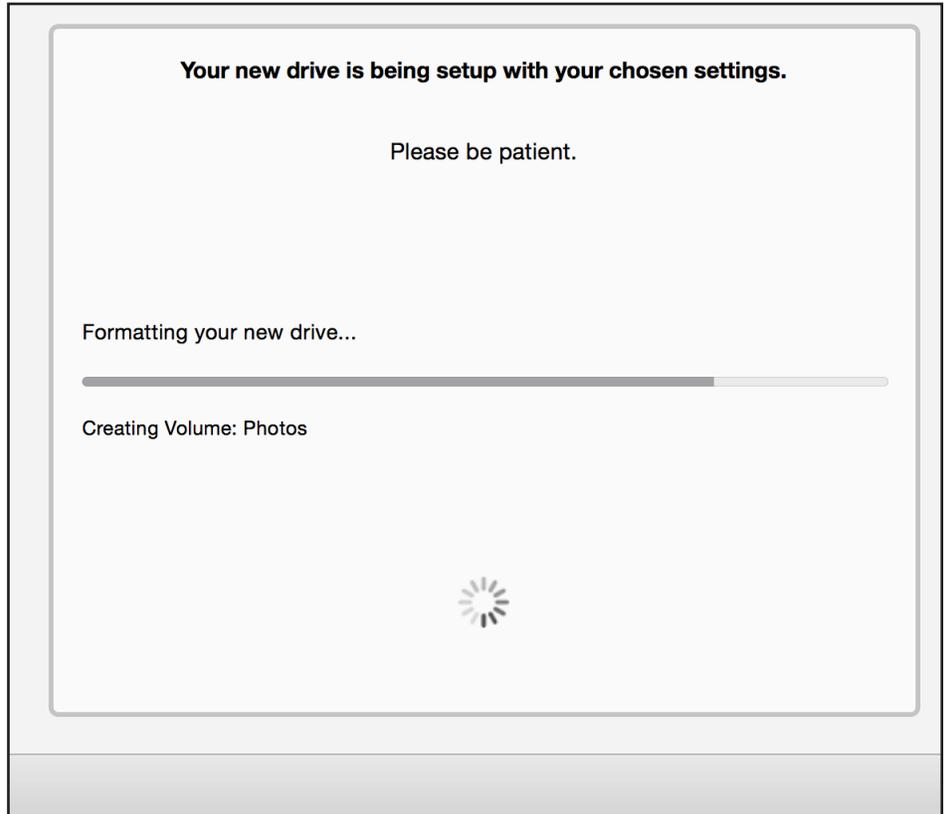
#	Name	Type	Size
1	Movies	MacOS Extended (Journaled)	1.40 TB
2	Photos	MacOS Extended (Journaled)	600.39 GB

Click the 'Set Up' button to format your new drive with these settings.

Previous Setup

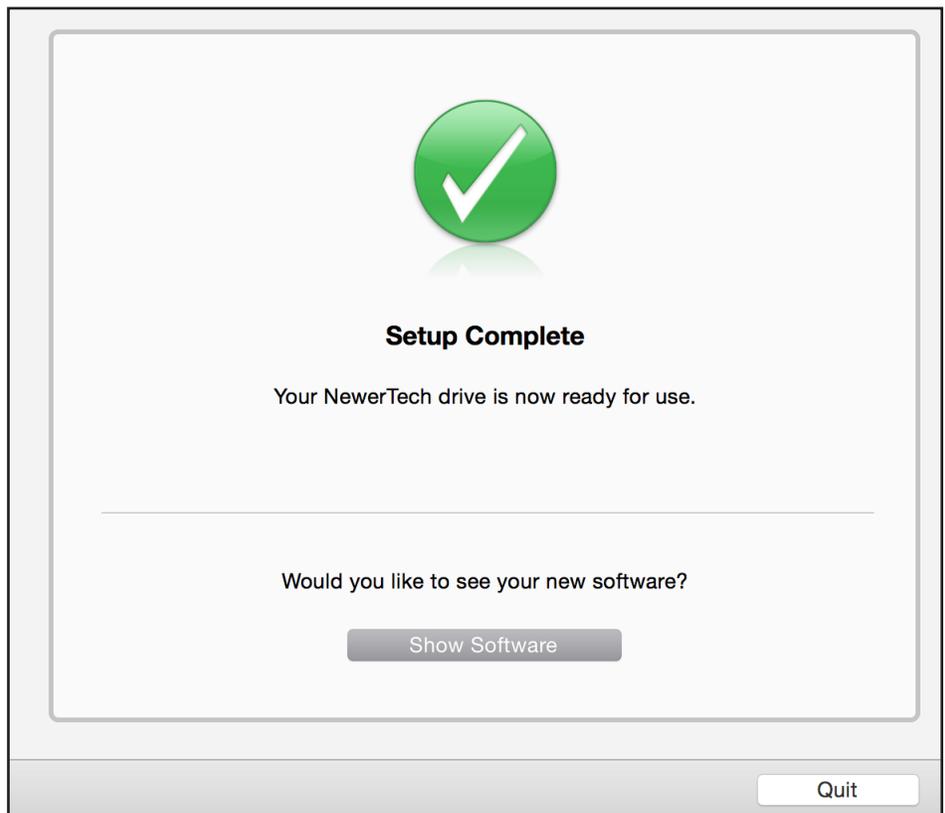
STEP 14c

While the volumes are being created you will see a progress meter screen. You do not need to do anything during this period of time.



STEP 15c

Once you see the "Setup Complete" screen, simply click the Quit button to exit the NuDrive application and begin using your newly formatted volumes!



ADDITIONAL RESOURCES

If you would like to like to learn about the settings that NuDrive uses, or about other methods to format your drives for Mac and PC, please visit the links below.

Mac:

https://support.apple.com/kb/ph5845?locale=en_US

Windows:

<http://windows.microsoft.com/en-us/windows-vista/formatting-disks-and-drives>