INSTALL DRIVERS (WINDOWS ONLY)

Supported operating systems:

- Windows 7
- Windows 8

Windows users must install a special driver on their computers in order to use the Thunderbolt connection. Once the driver is installed, users can prepare the disks and RAID for a Windows environment.

Important info regarding RAID and Windows: RAID 0 and RAID 1 are available on the following versions of Windows:

- Windows 7 Professional/Enterprise/Ultimate
- Windows 8 and Windows 8 Pro

RAID cannot be configured using Windows 7 Standard and Home editions.

Important info regarding RAID and double-byte characters: RAID cannot be configured using a computer with double-byte characters in its name. This is often the case when using Chinese, Korean, and Japanese fonts. To configure RAID, use a name that contains only single-byte characters.

To download the installer for the LaCie Thunderbolt driver, please select your product below:

- LaCie Little Big Disk Thunderbolt Series
- LaCie 2big Thunderbolt Series
- LaCie eSATA Hub Thunderbolt Series

Order of operations: Please follow the order of operations as listed below. You must install the drivers **BEFORE** connecting the LaCie Thunderbolt device to your Windows computer.

PART 1

- 1. Unzip the installer downloaded from LaCie.
- 2. Double-click the executable file.
- 3. Follow the steps to complete the wizard.

🐵 Setup - LaCie Marvell Thu	nderbolt drivers
	Welcome to the LaCie Marvell Thunderbolt drivers Setup Wizard
	This will install LaCie Marvell Thunderbolt drivers 1.2.0.1035 on your computer.
	It is recommended that you close all other applications before continuing.
LACIE	Click Next to continue, or Cancel to exit Setup.
	Next > Cancel

4. When prompted, restart your computer.



5. Move on to Part 2.

PART 2

Since this LaCie product is originally configured in the HFS+ file format (for use on Mac) and RAID 0, all partitions must be erased, including the EFI partition. Windows Disk Management cannot erase the EFI partition so you'll need to run **Diskpart**, a separate Windows utility. For additional information on Diskpart, please click <u>here</u>.

Basic	System Reserved	(C.)	
167.68 GB	100 MB NTFS	167.58 GB NTFS	
Online	Healthy (System, Active, Primary Partitio	Healthy (Boot, Page File, Crash Dump, Primary Partition)	
Disk 1 Basic			
Online	200 MB	476.b2 GB	128 M6
	Healthy (EFI System Partition)	Healthy (Primary Partition)	Healthy (Primary Partition)
Disk 2			
Basic			120.10
476.94 GB	200 MB	476.62 GB	128 MB
Online	Healthy (EFI System Partition)	Healthy (Primary Partition)	Healthy (Primary Partition)
476.94 GB	200 MB	47652 GB	128 MB
Online	Healthy (EFI System Partition)	Healthy (Primary Partition)	Healthy (Primary Partition)
476.94 GB Online DVD (D:) No Media	200 MB Healthy (EFI System Partition)	476.62 GB Healthy (Primary Partition)	128 MB Healthy (Primary Partition)

Important info: The operation below is data destructive. Before continuing, LaCie recommends that you:

- Confirm that your Windows computer is compatible with Thunderbolt technology.
- **Back up all files stored on your LaCie Thunderbolt device** (if applicable). Please connect your LaCie Thunderbolt device to a Mac with a Thunderbolt port to back up your data.
- Disconnect all external disks from your Windows computer except for the LaCie Thunderbolt device. While Diskpart will not allow you to delete the System disk, selecting another external hard drive connected to your computer will delete all of its files. LaCie is not responsible for lost data.

The steps below are illustrated using a LaCie Little Big Disk, which contains two hard disks.

- 1. Connect the LaCie product to your compatible Windows computer via the Thunderbolt cable. If necessary, turn the device on.
- 2. Click on the Windows **Start** button.
- 3. Search for and launch **Diskpart**.



4. In the Diskpart prompt, type **list disk**.



5. Since the RAID was configured on a Mac, the LaCie disk partitions appear as *Foreign* (Disks in non-RAID configurations may appear as *Online* rather than *Foreign*). In this example, the first Foreign hard drive is *Disk 1*. The disk numbers will be different on Windows computers with more than one internal hard drive. Please make certain to locate the disk number(s) for your LaCie device then type **select disk n**. n is the number for the first LaCie hard drive, 1 in the screenshot below.

stem32\diskpart.exe					x
kPart version 1999–2008 Mi LENOVOEDGE2-P	6.1.7601 crosoft C C	orporatio	n.		 III
t disk					
tatus	Size	Free	Dyn	Gpt	
nline oreign oreign	167 GB 476 GB 476 GB	0 B 0 B 0 B	*		
ect disk 1					
	tem32\diskpart.exe kPart version 1999-2008 Mi LENOUOEDGE2-P t disk tatus oreign oreign oreign ect disk 1	tem32\diskpart.exe kPart version 6.1.7601 1999-2008 Microsoft C LENOUOEDGE2-PC t disk tatus Size nline 167 GB oreign 476 GB oreign 476 GB ect disk 1	tem32\diskpart.exe kPart version 6.1.7601 1999-2008 Microsoft Corporatio LENOUOEDGE2-PC t disk tatus Size Free 	tem32\diskpart.exe kPart version 6.1.7601 1999-2008 Microsoft Corporation. LENOUOEDGE2-PC t disk tatus Size Free Dyn nline 167 GB Ø B * oreign 476 GB Ø B * oreign 476 GB Ø B * ect disk 1	<pre>tem32\diskpartexe</pre>

6. Diskpart will confirm that your hard disk has been selected.



7. To delete all paritions on the hard disk, type **clean**.

C:\Windows\	system32\diskpart.exe					x
Microsoft D Copyright (On computer	iskPart version C) 1999-2008 Mi : LENOVOEDGE2-P	6.1.7601 crosoft C C	orporatio	n.		< III
DISKPART> 1	ist disk					
Disk ###	Status	Size	Free	Dyn	Gpt	
Disk Ø Disk 1 Disk 2 DISKPART> s	Online Foreign Foreign elect disk 1	167 GB 476 GB 476 GB	0 B 0 B 0 B	*		
Disk 1 is n	ow the selected	disk.				
DISKPART> c	lean					
						-

8. Diskpart will confirm that your hard disk is clean, meaning that the partitions have been deleted.

C:\Windows	C:\Windows\system32\diskpart.exe							
Microsoft D Copyright (On computer	Microsoft DiskPart version 6.1.7601 Copyright (C) 1999-2008 Microsoft Corporation. On computer: LENOUOEDGE2-PC							
DISKPART> 1	ist disk							
Disk ###	Status	Size	Free	Dyn	Gpt			
Disk Ø Disk 1 Disk 2	Online Foreign Foreign	167 GB 476 GB 476 GB	0 B 0 B 0 B	*				
DISKPART> s	elect disk 1							
Disk 1 is n	ow the selected	l disk.						
DISKPART> c	lean							
DiskPart succeeded in cleaning the disk.								
DISKPART>								
							-	

9. Repeat steps 5-8 for the remaining hard disks in your LaCie Thunderbolt device.

C:\Windows\	system32\diskpart.exe	6					x
DISKPART> 1	ist disk						^
Disk ###	Status	Size	Free	Dyn	Gpt		E
Disk Ø Disk 1 Disk 2	Online Foreign Foreign	167 GB 476 GB 476 GB	0 B 0 B 0 B	*			
DISKPART> s	elect disk 1						
Disk 1 is n	ow the selected	disk.					
DISKPART> c	lean						
DiskPart su	cceeded in clea	ning the	disk.				
DISKPART> s	elect disk 2						
Disk 2 is n	ow the selected	disk.					
DISKPART> clean							
DiskPart su	DiskPart succeeded in cleaning the disk.						
DISKPART>							-

10. Once all the HFS+ partitions have been deleted, close Diskpart then move on to Part 3.

PART 3

If you successfully completed Part 2, then your LaCie Thunderbolt storage currently has no RAID set up. In Part 3, you'll set up a RAID array using Windows Disk Management.

- 1. Right-click on **Computer** and choose **Manage**. From the Manage menu, select **Disk Management**.
- 2. A prompt may ask you to initialize new disks. This is normal following the use of Diskpart. Click **OK**.

E Computer Management					x
File Action View Help					
🔷 🔿 🙍 📰 😰 🕽	X 🖆 🖼 🛄	2			
A Computer Management (Local	Volume	Layout Type File System Status	c	Actions	
System Tools Tack Scheduler	C:)	Simple Basic NTFS Healthy (Boot, Page File, Crash Dump, Primary Partition) ed Simple Basic NTES Healthy (Suttern Active Primary Partition)	16	Disk Management	•
Function Scheduler	- System Keser	to single base firsts intensity (system, Acare, Finning Fordout)	1	More Actions	•
Shared Folders					
P I Performance		×)			
Device Manager		Initialize Disk			
Disk Management		You must initialize a disk before Logical Disk Manager can access it.			
Envices and Applications		Select disks:			
		Disk 2			
		Use the following partition style for the selected disks:			
	•	MBR (Master Boot Record)	<u>`</u>		
	Disk 0	GPT (GUID Partition Table)	Â.		
	Basic 167.68 GB	Note: The GPT partition style is not recognized by all previous versions of			
	Online	tanium-based computers. to aska larger than 216, or basis used on tion)			
		OK Cancel	E		
	GDisk 1				
	476.94 GB	476.94 GB			
	Not Initialized	Unallocated			
	Unknown				
	476.94 GB Not Initialized	476.94 GB			
× >	Unallocated	Primary partition			

 Each of your LaCie Thunderbolt device's disks will be represented with a row in the lower part of the window. They should be labelled as **Unallocated**. Right-click on the first disk's row and select **New Striped Volume** (RAID 0) or **New Mirrored Volume** (RAID 1).

Disk 0 Basic 167.68 GB Online	System Reserved 100 MB NTFS Healthy (System, Active, Primary P.	(C:) 167.58 GB NTFS Healthy (Boot, Page File, Crash Dump,	Primary Partition)	
Disk 1 Basic 476.94 GB Online	476.94 GB Unallocated		New Simple Volume New Spanned Volume	
Basic 476.94 GB Online	476.94 GB Unallocated		New Mirrored Volume New RAID-5 Volume Properties	
CD-ROM 0			Help	

- 4. The New Striped Volume wizard or the New Mirrored Volume wizard will open. Click Next >.
- 5. Select the disk(s) you wish to add to the array and click the **Add** > button. Click **Next** > once all disks have been added.

New Striped Volume	×
Select Disks You can select the disks and set the disk size for this volume.	
Select the disks you want to use, and then click Add.	
Available: Selected: Disk: 2 498384 MB Add > < Remove < Remove All	
Total volume size in megabytes (MB): 488384	
Maximum available space in MB: 488384	
Select the amount of space in MB: 488384	
< Back Next > Car	cel

6. Assign the volume a drive letter, then click **Next** >.



7. Name the volume and assign a file system (usually NTFS), then click **Next** >. To expedite the RAID configuration, keep the box checked next to *Perform a quick format*.

New Striped Volume	X
Format Volume To store data on this volume, you m	ust format it first.
Choose whether you want to format	this volume, and if so, what settings you want to use.
O Do not format this volume	
Format this volume with the format	ollowing settings:
File system:	NTFS -
Allocation unit size:	Default
Volume label:	LaCie Thunderbolt
Perform a quick format	
Enable file and folder c	compression
	< Back Next > Cancel

8. Review the summary in the next window then click **Finish** to format the hard disks.

- 9. A prompt will ask you to confirm the conversion of the disks from basic to dynamic. Click **Yes** to continue.
- 10. The volume will mount on your computer. If you created a mirrored (RAID 1) volume, it will take some time for the OS to sync the drives. However, the volume is immediately accessible.

				_	x
💮 🌍 - 🐏 🕨 Computer 🕨		• 47	Search Computer		P
Organize 👻 System properties	Uninstall or change a program Map netv	work drive	>> ••	•	0
🔆 Favorites	Hard Disk Drives (2) Local Disk (C:)		LaCie Thunderbolt (E:)		
🧊 Libraries	18.3 GB free of 167 GB	S	953 GB free of 953 GB		
: Computer	 Devices with Removable Storage (1) 				
🏭 Local Disk (C:) 👝 LaCie Thunderbolt (E:)	DVD RW Drive (D:)				
🙀 Network					
LENOVOEDGE2-PC W	orkgroup: WORKGROUP Memory: 8.00) GB			
	Processor: Intel(R) Core(TM) i5-33				

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