LaCie Rugged BOSS SSD User Manuals

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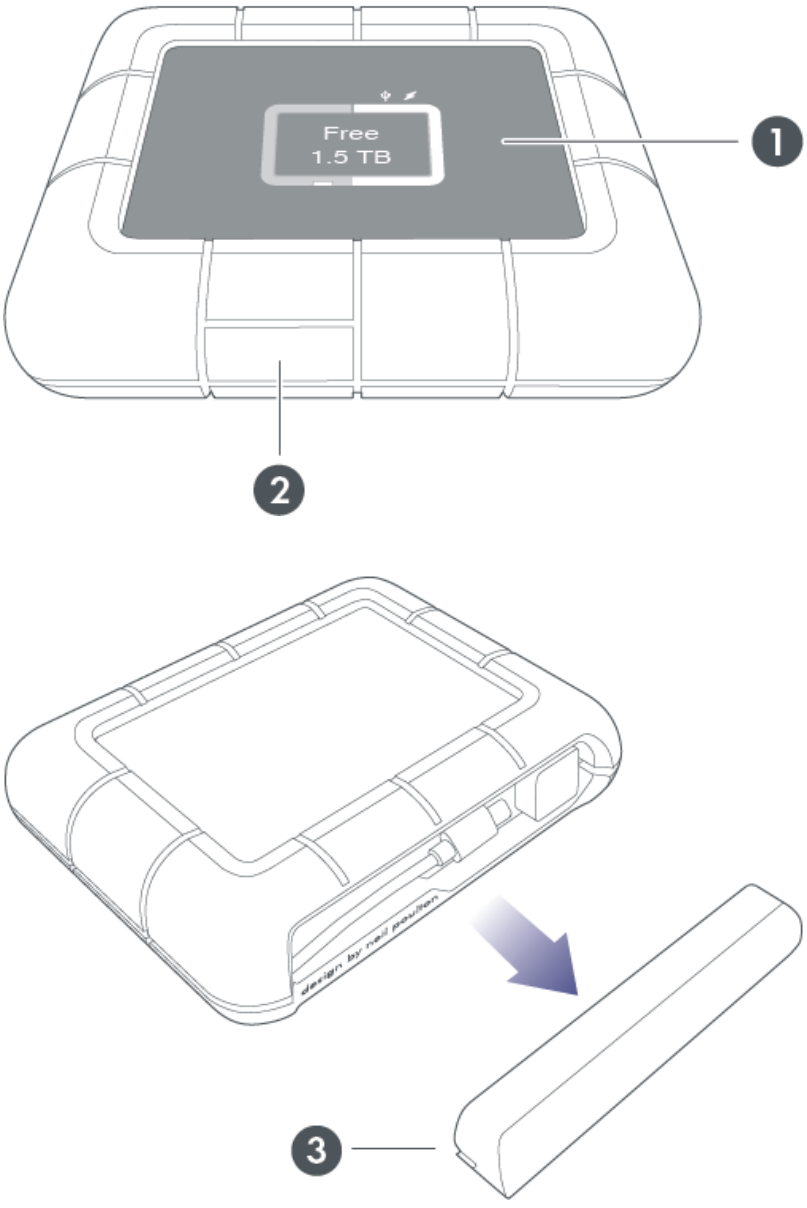
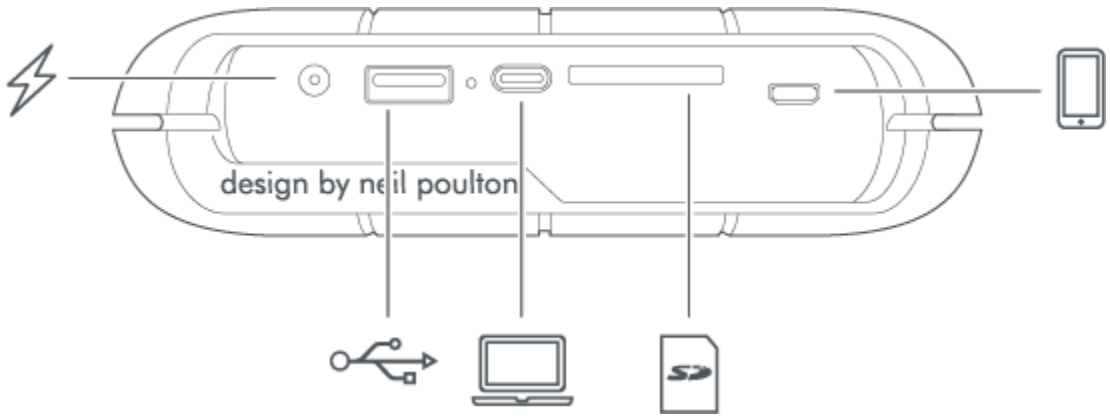
Overview

LaCie Rugged BOSS SSD lets you transfer files directly from your camera, phone, and other devices—no laptop needed. View and organize content using the LaCie BOSS app (Android and iOS).

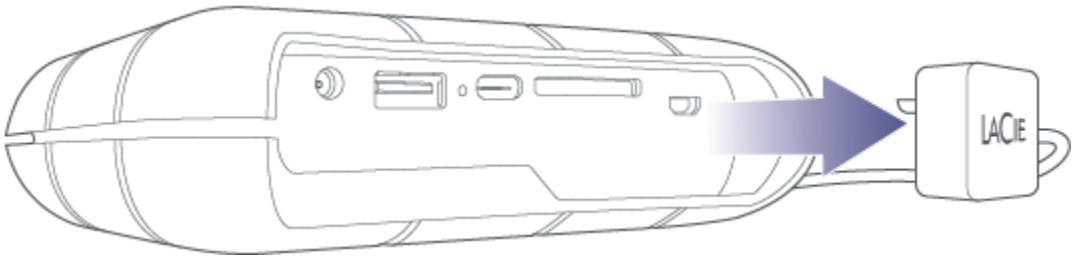


1. **LCD**
2. **Action button**
3. **Removable port cover**

Ports

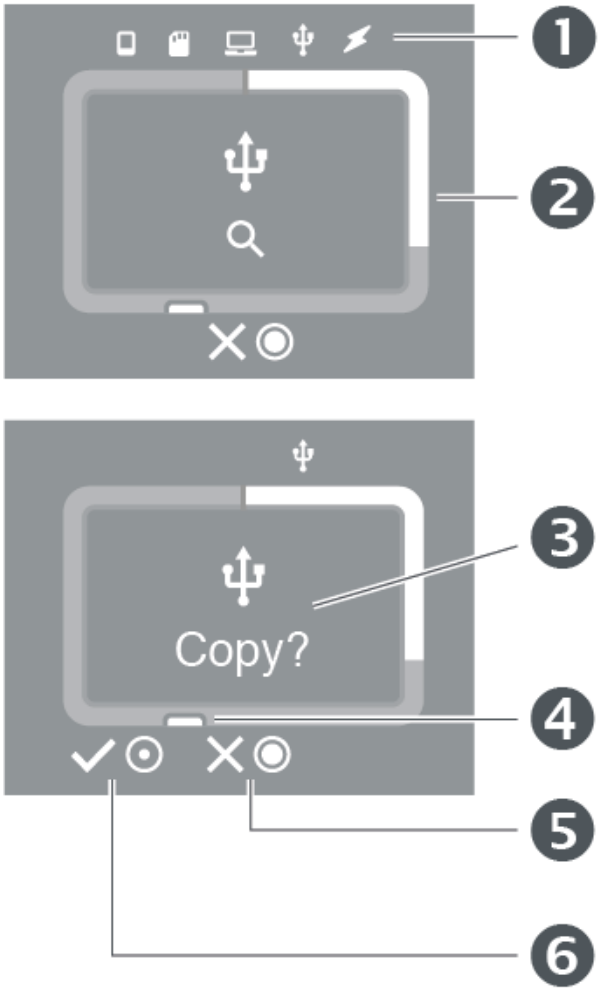


	Charge your Rugged BOSS SSD. Only use the power supply included with your device.
	The USB Type A port allows you to connect a wide range of devices to Rugged BOSS SSD. Press the action button to transfer all files (Easy copy), or manage files using the LaCie BOSS app.
	The USB-C port connects Rugged BOSS SSD to Windows and macOS computers.
	Insert a Secure Digital (SD) card or a micro SD card with the adapter. Press the action button to transfer all files (Easy copy), or manage files using the LaCie BOSS app.
	Connect a mobile device to Rugged BOSS SSD using one of the three custom cables and use the BOSS app to manage files. Make sure to use the custom cables included with Rugged BOSS SSD.



LCD Guide

The LCD provides information and prompts.



1. **Connections**
2. **Storage meter (white = storage used)**
3. **Prompts and information**
4. **Action button (actions and status)**
5. **Press and hold the action button for 3 seconds (long push) to cancel**
6. **Press the action button for 1 second (short push) to confirm**

The LCD is not touch-sensitive—it can't be used to initiate actions or respond to prompts. Always use the action button to confirm or cancel actions.

Connections	
	Mobile device connected.
	SD card inserted.

	Computer connected.
	USB device connected.
	Power supply connected.

Actions

	Confirm by pressing the action button for 1 second (short push).
	Cancel by pressing and holding the action button for 3 seconds (long push).

Storage meter

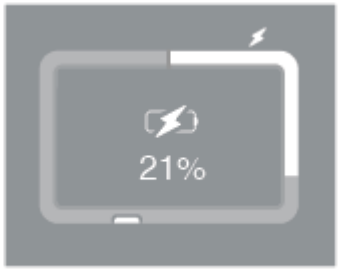
	Storage used (white) / unused (grey).
	Minimal storage remaining (orange) / storage reaching full capacity (red).

Not enough disk space on Rugged BOSS SSD for requested copy.

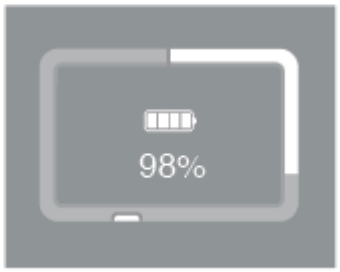
Use a short push on the action button to confirm and continue.

Prompts and information.

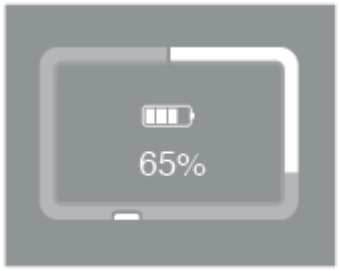
Available storage on Rugged BOSS SSD.



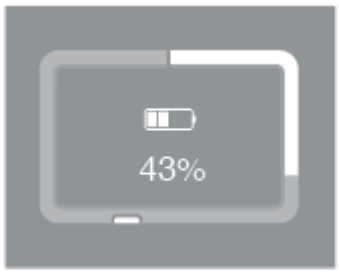
Battery charging.



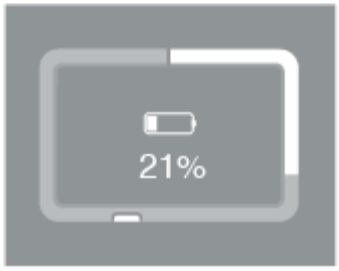
Four bars means 76% or more charge remaining.



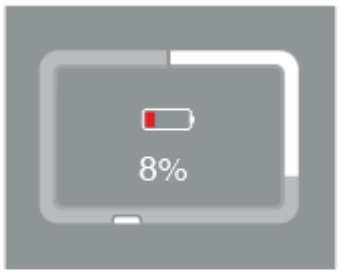
Three bars means 51-75% charge remaining.



Two bars means 26-50% charge remaining.



One bar means 11-25% charge remaining.

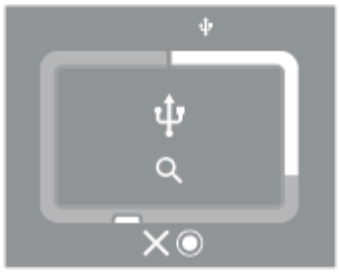


A red bar means 10% or less charge remaining.

Please wait—an operation is in progress or the system is waking from low power mode.

Prompt to copy files from SD cards and USB-connected devices.

Use a short push on the action button to confirm, or a long push to cancel.



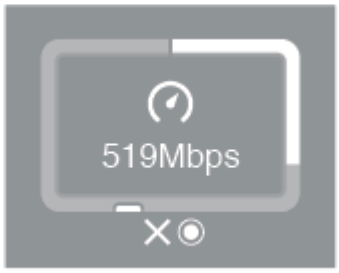
Scanning SD card or USB-connected device.

Use a long push on the action button to cancel.

Progress of copy from SD card or USB-connected device.

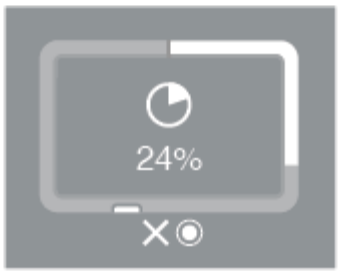
Progress of file/folder verification after copying.

Note—Verification must be enabled in LaCie BOSS settings for SD/USB copies.



Copy transfer speed.

Use a long push on the action button to cancel a copy in progress.



Percentage of copy complete.

Use a long push on the action button to cancel a copy in progress.

Amount of data copied.

Use a long push on the action button to cancel a copy in progress.

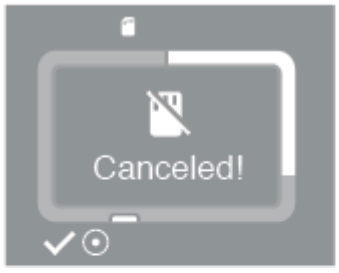
Copy from SD card or USB-connected device complete.

Use a short push on the action button to confirm the message.

Prompt to acknowledge that you want to cancel a copy.

Use a short push on the action button to proceed with canceling the copy.

If you don't want to cancel, simply wait for the timer bar to run out and Rugged BOSS SSD will continue copying.



Copy from SD card or USB-connected device canceled.

Use a short push on the action button to confirm the message.

Loading.

Rugged BOSS SSD is entering power-saving mode.

Prompt to copy when SD and USB devices are connected at the same time.

Use a short push on the action button to confirm that you want to add the highlighted port to a copy queue.

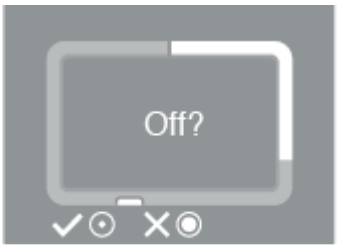
If you don't want to add the highlighted port to a copy queue, use a long push on the action button.

Rugged BOSS SSD must refresh its storage capacity. This is required after a reset or when Rugged BOSS SSD has been disconnected from a computer.

Use a short push on the action button to confirm the message and refresh.

Prompt to wake up Rugged BOSS SSD. For this prompt to appear, apply a short push while Rugged BOSS SSD is in power-saving mode, followed by a long push.

At this prompt, use a short push on the action button to confirm or a long push to cancel.



Prompt to put Rugged BOSS SSD into power-saving mode. This appears after a long push on the action button.

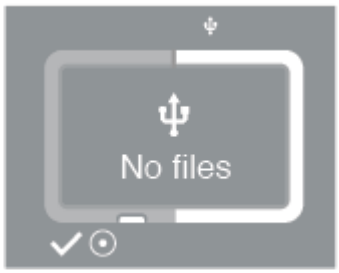
At this prompt, use a short push on the action button to confirm or a long push to cancel.

The internal clock requires an update from the BOSS app. Connect your mobile device and the BOSS app launches automatically.

System is updating or processing an installation package.

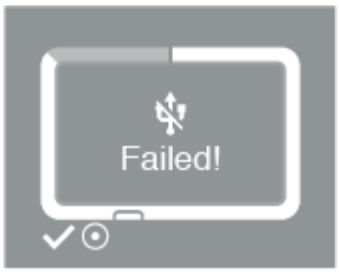
Resetting system to factory defaults.

No SD card or USB-connected device available to copy.



The external drive cannot be read. The drive's format is unknown or it has not been formatted.

Use a short push on the action button to confirm the message.



Copy from an SD card or USB device was interrupted. Possible conditions:

- The SD card was removed.
- A cable was disconnected.

A PC/Mac was connected while Rugged BOSS SSD is connected to a mobile device.

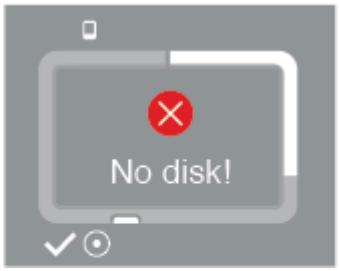
Apply a short push to confirm that you understand that both cannot be connected at the same time.

Rugged BOSS SSD cannot access a device. Possible conditions:

- A connected camera, drone or other device is powered off or in power-saving mode.
- A mobile device requires permission to allow Rugged BOSS SSD to access its files. Android users should make certain that USB devices are set for data rather than charging. iOS users must confirm when prompted.

After resolving the issue with the connected device, apply a short push to retry the connection.

To cancel, apply a long push.



Rugged BOSS SSD's internal drive cannot be found. Possible conditions:

- The internal drive has been divided into multiple partitions. When partitioning the internal drive, make certain that at least one partition is more than half the total capacity. For example, a drive with 1TB must have at least one partition greater than 500GB.
- There's a problem with the internal drive.

Internal temperature has exceeded a moderately high temperature threshold.

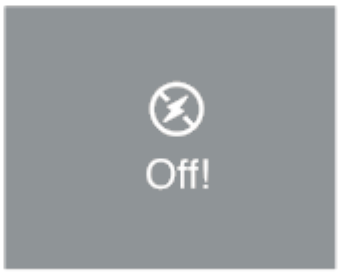
- Place Rugged BOSS SSD in a shaded or low light area to allow it to cool down.
- Use a short push on the action button to confirm the message.

Internal temperature has exceeded a high temperature threshold.

- Place Rugged BOSS SSD in a shaded or low light area to allow it to cool down.
- Use a short push on the action button to confirm the message.

Internal temperature has exceeded a critical temperature threshold.

- Place Rugged BOSS SSD in a shaded or low light area to allow it to cool down.
- Determine readiness by pushing the action button and seeing that the critical warning is no longer on the LCD.



Internal temperature has exceeded a critical temperature threshold. Rugged BOSS SSD must shut down.

- Place Rugged BOSS SSD in a shaded or low light area to allow it to cool down.

Specifications

Enclosure dimensions

Side	Dimensions (mm / in)
Height	36 / 1.42
Length	136 / 5.35
Width	110 / 4.33

Enclosure weight

Weight (g / oz)
505 / 17.81

Electrical

Power supply: 12V 1.5A

> **!** When charging the device using the power supply port, use only the power supply provided with your device. Power supplies from other LaCie and third-party devices can damage your Rugged BOSS SSD. For details on charging the device using the USB-C port, see Charging your Rugged BOSS SSD.

Temperature ranges

Ambient environment	Temperature range
Standard (operating)	0 to 35°C

Your device might get warm

Your device might feel warm to the touch when engaged in certain activities:

- Copying or moving a large number of files.
- Copying or moving files while connected to a mobile device.
- Copying or moving files when connected to a PC/Mac.

These conditions are normal. Your device will return to a regular temperature after it's finished copying.

Conditions that lead to a higher ambient temperature may cause the device to change its performance, including:

- Leaving the device in direct sunlight for an extended period of time.
- Leaving the device in a warm enclosed space, such as a car on a hot day.

If you see a temperature warning screen

If the interior temperature of the device exceeds certain temperature thresholds, the LCD will display a a series of temperature warnings:

Place Rugged BOSS SSD in a shaded or low light area to allow it to cool down.

Setup

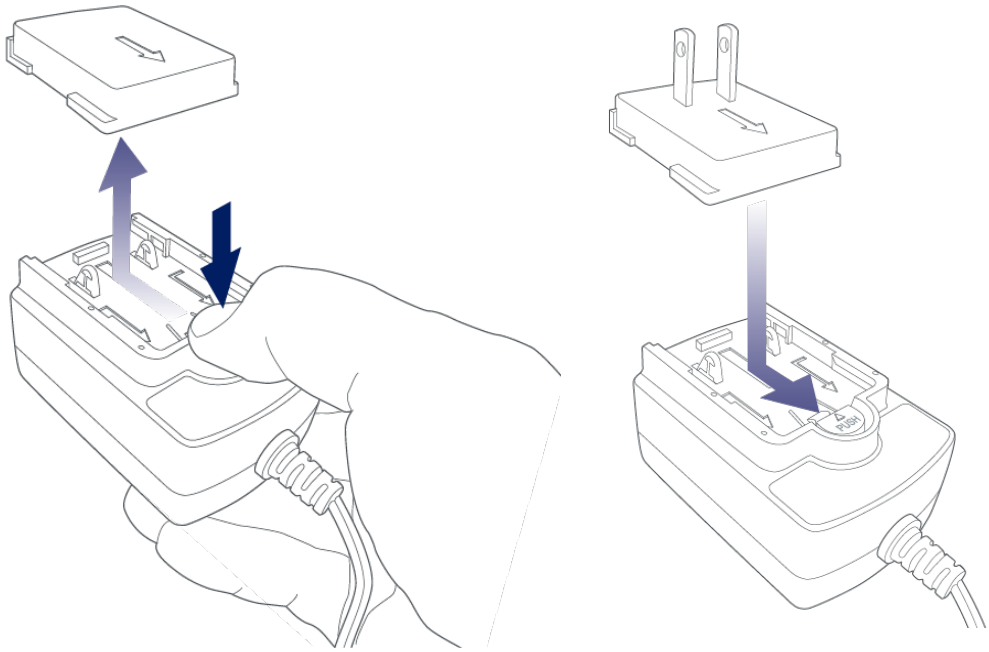
You must use the LaCie BOSS app to set up your LaCie Rugged BOSS SSD. Please follow the steps below in order.

Step 1: Install the LaCie BOSS app

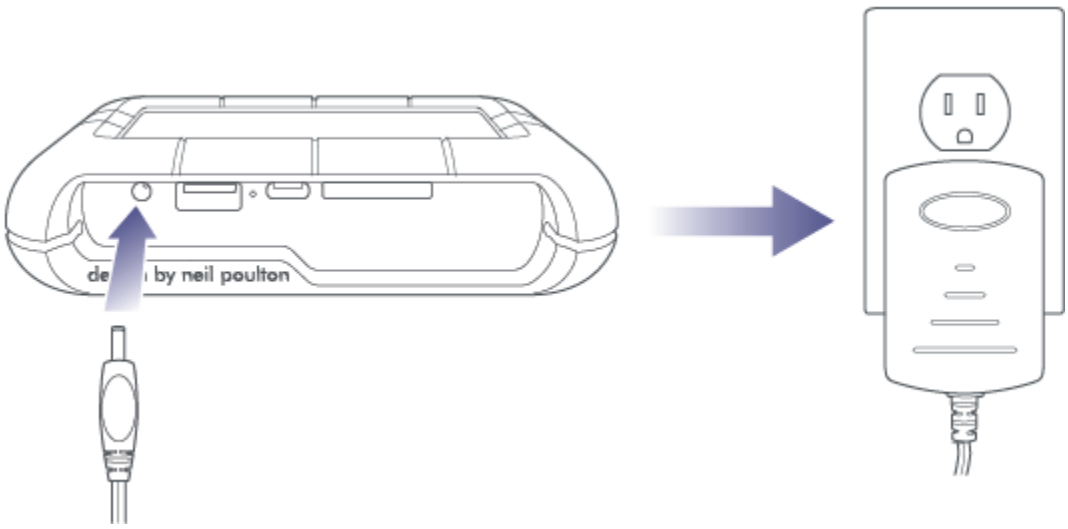
1. Go to the Google Play Store (Android) or the App Store (iOS).
2. Search for and select the LaCie BOSS app.
3. Follow the onscreen instructions to complete the installation

Step 2: Prepare and connect the power cable

1. Press the release tab on the universal power supply to unlock the safety cover. Slide the cover back to remove it.
2. Place the adapter plug for your location into the channel on the power supply. Slide it forward to lock it in place.



3. Connect the power cable to the Rugged BOSS SSD power input, and then connect the power supply to a live power outlet.

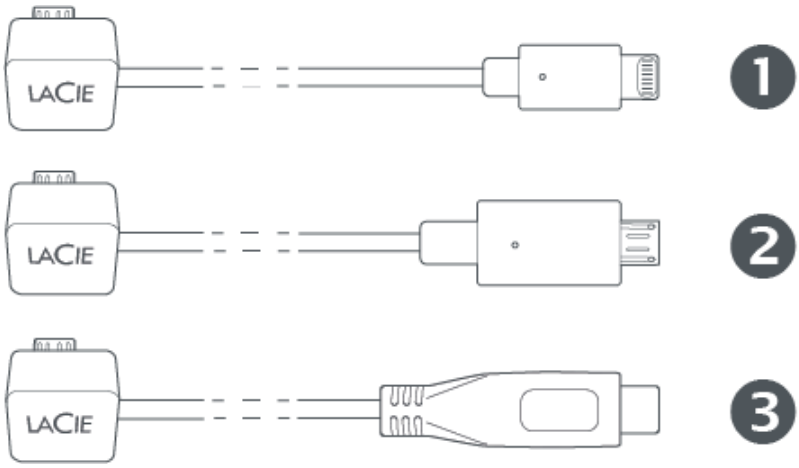


Use only the power supply provided with your device. Power supplies from other LaCie and third-party devices can damage your Rugged BOSS SSD.

Make sure Rugged BOSS SSD is connected to power and charging during the installation process.

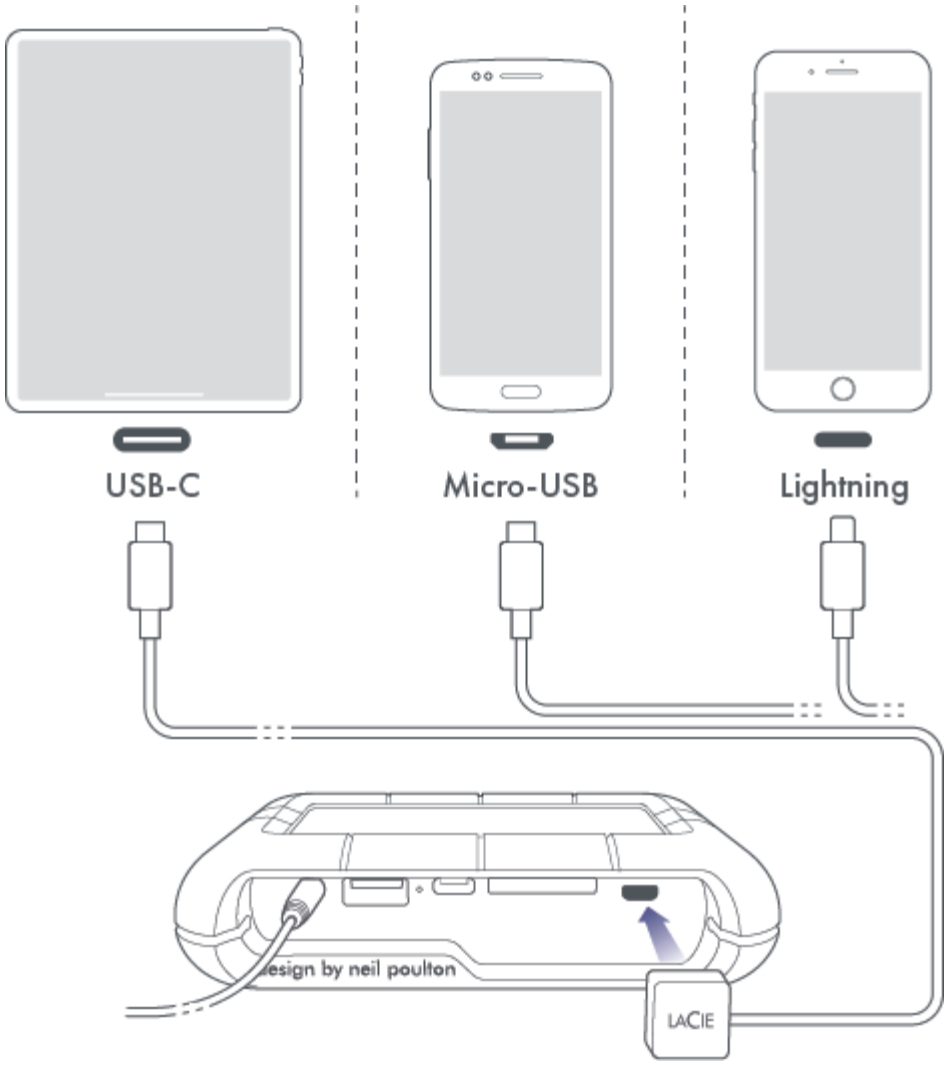
Step 3: Connect your mobile device to Rugged BOSS SSD

Rugged BOSS SSD comes with three detachable cables to connect the mobile port to popular mobile devices.



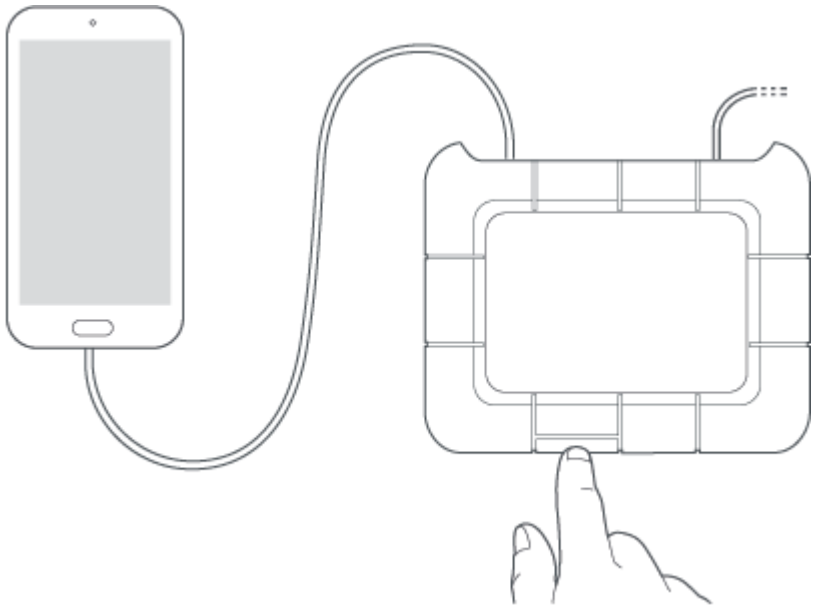
1. **Lightning: iOS devices**
2. **Micro-USB: Android devices with Micro-USB ports**
3. **USB-C: Android and iOS devices with USB-C ports**

1. Attach the block end of the appropriate cable to the mobile port on Rugged BOSS SSD.
2. Attach the other end of the cable to your mobile device.

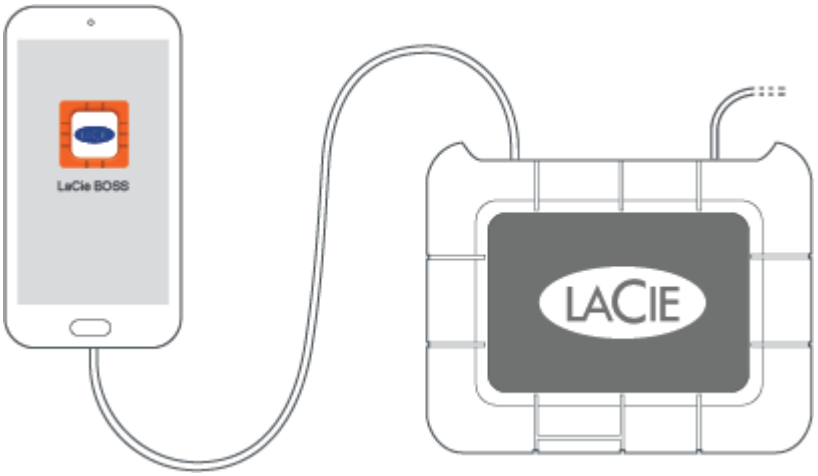


Step 4: Detect your mobile device and launch the LaCie BOSS app

1. Make sure your mobile device is powered on and unlocked.
2. Push the action button to allow Rugged BOSS SSD to discover your mobile device.



3. LaCie BOSS opens automatically on your mobile device—this may take up to 20 seconds. If the app doesn't open automatically, tap the LaCie BOSS app icon on your mobile device.



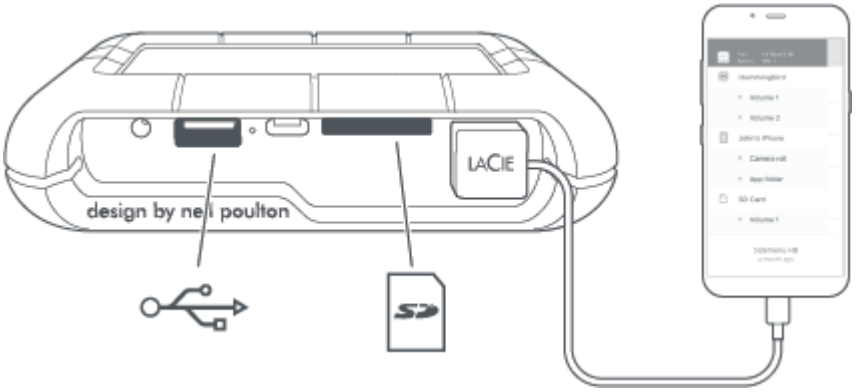
4. Follow the prompts on the LaCie BOSS app.

Your setup is complete

You can now put Rugged BOSS SSD to work managing and storing your media.

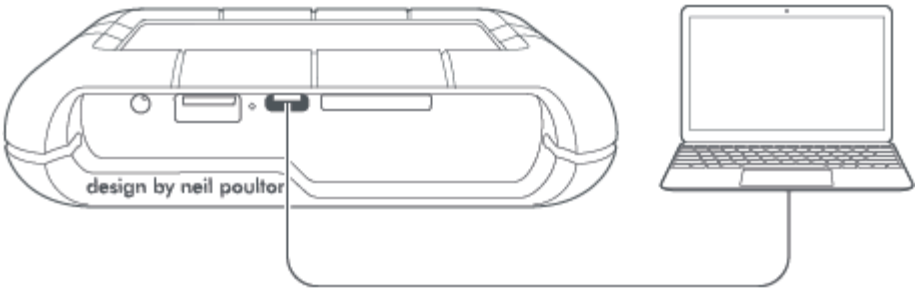
Copy and move files with LaCie BOSS

Use LaCie BOSS to manage files on Rugged BOSS SSD and connected storage devices, SD cards, and mobile devices. See LaCie BOSS app for details.



Connect to a PC/Mac

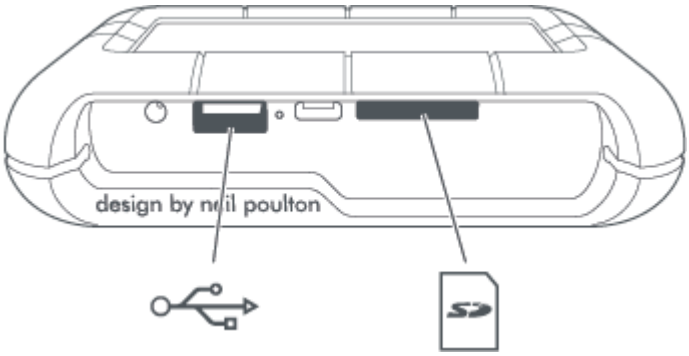
Rugged BOSS SSD is a large capacity hard drive and hub when connected to your PC/Mac. The hard drive is formatted for no-hassle connections with Windows and macOS computers.



View recommendations for connecting your computer to the USB-C port.

Easy copy with the action button

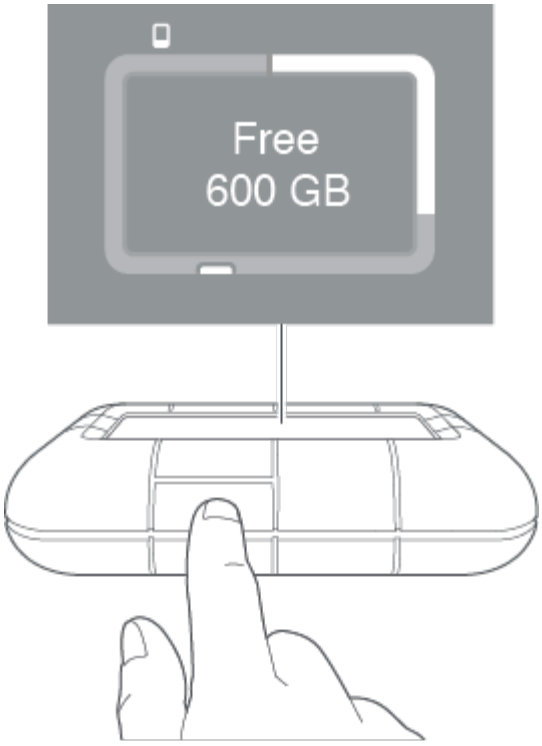
Copy files from SD cards and USB-connected devices with a simple touch of the action button. See Easy Copy for details.



Action Button Scanning

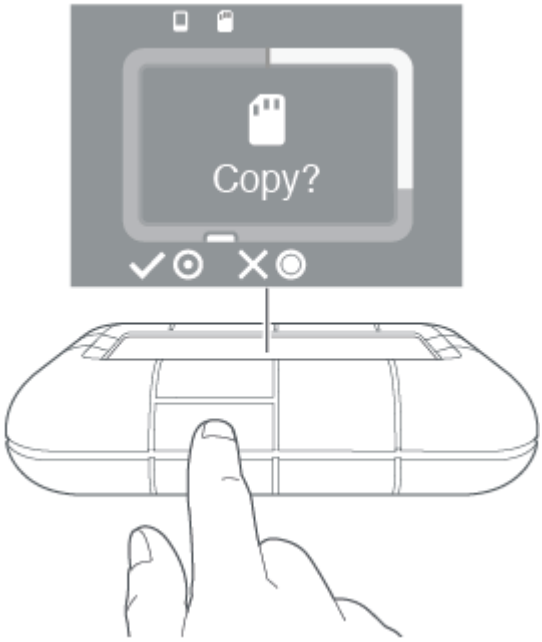
First push

The first push of the action button scans the tethered cable for a connected mobile device. The LCD displays the amount of storage capacity currently free.



Second push (within 10 seconds of the first push)

The second push of the action button scans the SD card and USB ports for an SD card or USB-connected device. If an SD card or connected device is detected, you're prompted to Easy copy.


Copy?

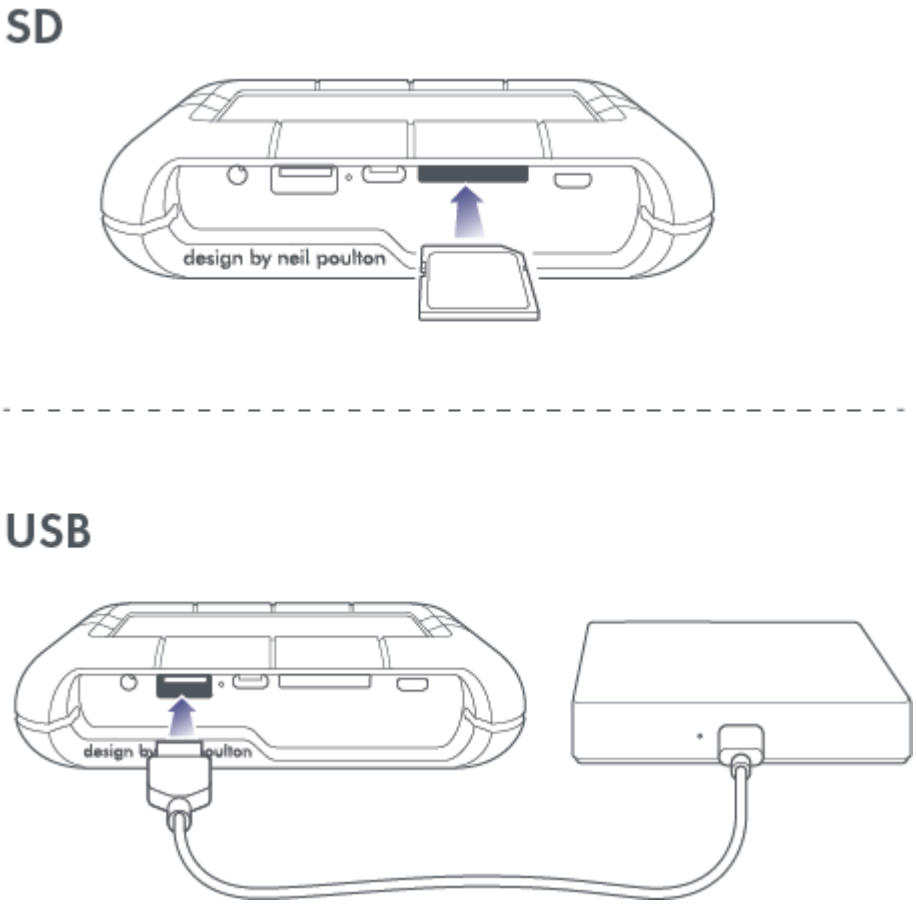
Easy Copy

LaCie Rugged BOSS SSD lets you easily copy files from an SD card or USB-connected device using just the action button.

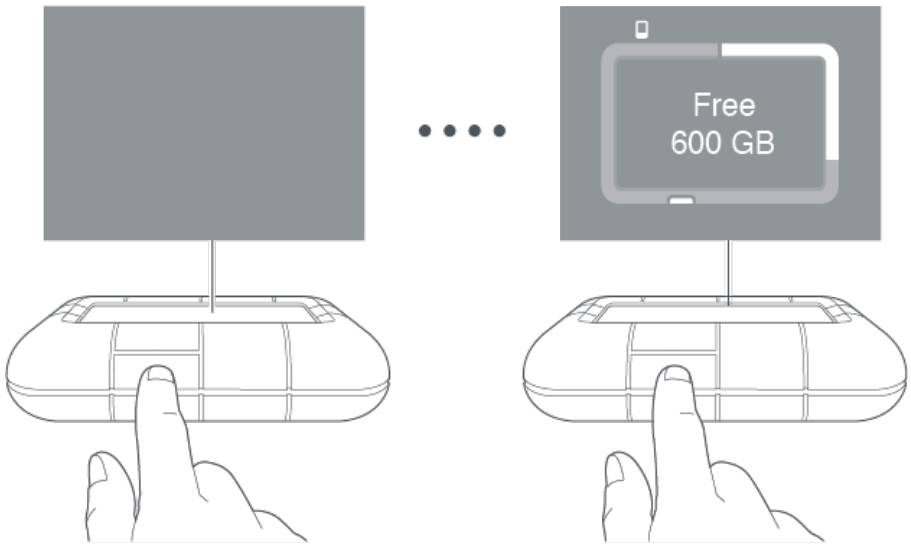
> Easy copy only supports devices that use common transfer protocols: Media Transfer Protocol (MTP), Picture Transfer Protocol (PTP), and mass storage. Devices using proprietary transfer protocols have not been tested.

Copying

1. Insert an SD card or connect a device (for example, storage, drone, or camera) to the USB port on Rugged BOSS SSD.

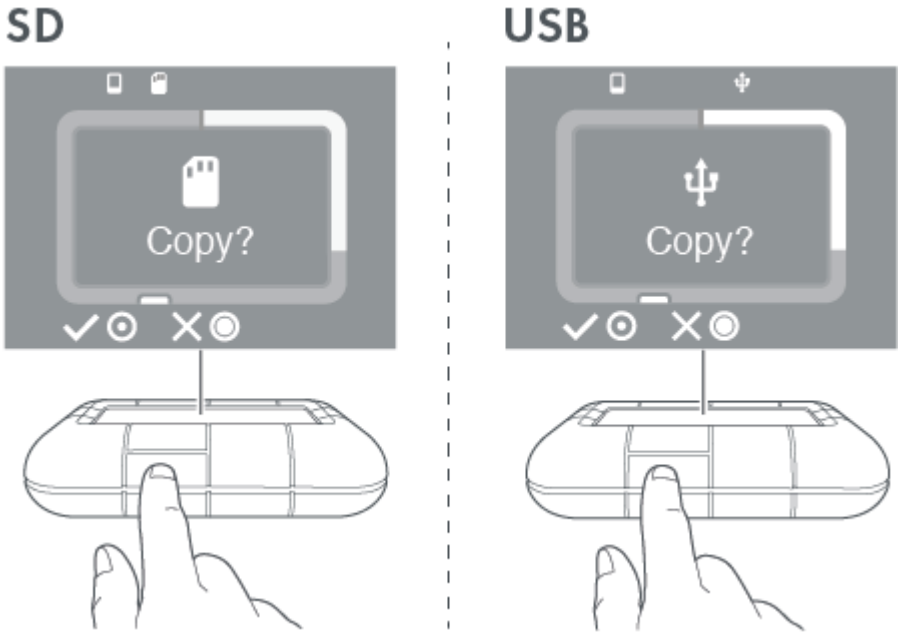


2. Press the action button to display Rugged BOSS SSD's status, and then press the action button again (within 10 seconds) to have Rugged BOSS SSD search the SD and USB ports.

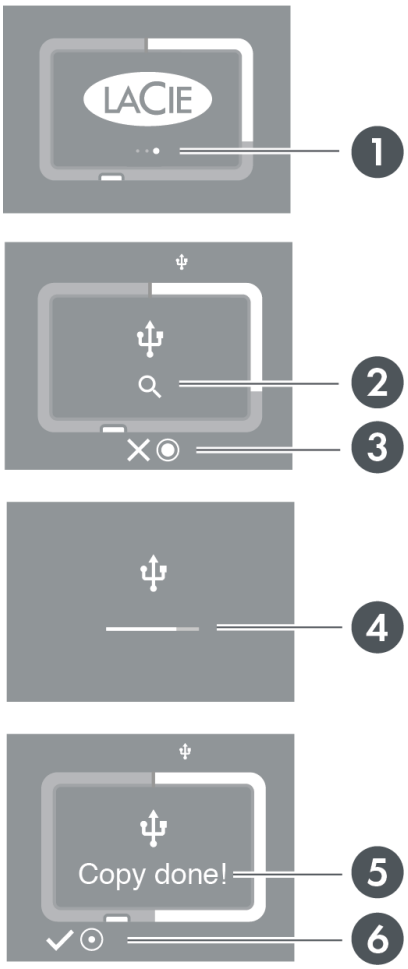


It generally takes Rugged BOSS SSD a second to detect the USB connection. However, if it was in power saving mode, it can take up to 20 seconds to boot and begin the ingest.

3. Rugged BOSS SSD prompts you to confirm or cancel the copy. Press the action button—use a short push (1 second) to confirm, or a long push (3 seconds) to cancel.



4. Once confirmed, Rugged BOSS SSD copies all files. The LCD displays the status of the copy.



1. **Operation in progress - please wait**
2. **Reading**
3. **Long push (3 seconds) to cancel**
4. **Copying**
5. **Complete**
6. **Short push (1 second) to confirm**

5. Once Easy copy is complete, remove the SD card or disconnect the USB device. Rugged BOSS SSD always prompts you to Easy copy any card or device it detects.

Easy copy can perform full or incremental copies based upon the copy settings in LaCie BOSS. By default, incremental copy is enabled. To make changes to copy preferences, go to **Settings > SD/USB copies** in LaCie BOSS.

Canceling an Easy copy

The X icon on the LCD indicates that you can cancel an operation with the action button on Rugged BOSS SSD.

Press and hold the action button on Rugged BOSS SSD for 3 seconds to cancel a copy.

Queuing ports for Easy copy

If Rugged BOSS SSD scans the ports and detects both an SD card and a USB-connected device at the same time, you can queue both ports for Easy copy.

1. Press the action button to confirm or cancel the Easy copy for the highlighted port. Use a short push (1 second) to confirm, or a long push (3 seconds) to cancel.

2. Confirm or cancel the Easy copy from the second port.

Ports can be queued when both an SD card and a USB-connected device are detected at the same time. However, if Rugged BOSS SSD is currently performing an Easy copy and then discovers a new card or device, it can't create a queue.

Easy copy data naming conventions

During an Easy copy, Rugged BOSS SSD creates folders using the following naming convention:

YYYYMMDD.HHMM.UUID.N

These folders are stored in the Backups folder on the root of the Rugged BOSS SSD.

YYYY	Year
MM	Month
DD	Day
HH	Hour (24-hour clock)
MM	Minutes
UUID	Universally unique identifier designating the device from which the files were copied
N	Session number

Take for example the following directory:

20191001.1306.XFGT6G.1

Rugged BOSS SSD would have created this directory on October 1, 2019, at 1:06pm. The source of the content was a device with a UUID of XFGT6G. This was the first upload of content from this device on this day.

Performing Incremental Copies

Incremental settings

Newer versions of the LaCie BOSS app include the incremental copy feature. It is enabled by default and can be managed in **Settings > SD/USB copies**.

> If the setting is not available for you, make certain to update LaCie BOSS to the most recent version.

Incremental and full copies

Incremental only copies new content added to previously ingested SD cards and USB storage devices. However, a full copy includes all files each time you connect your SD cards and USB storage devices. You can save storage space, battery life, and time with incremental copies.

The first time an SD card or USB storage device is connected to Rugged BOSS SSD, the copy is performed in full. With incremental enabled, subsequent copies only include new files added to the applicable storage device. When viewing your copied files in **Rugged BOSS SSD > Backups**, folder names indicate if the copy is full or incremental.

Backup type	Sample folder name
Full	20190401_1120_Garmin_VirbUltra30_878555
Incremental	20190401_1120_Garmin_VirbUltra30_878555_updates

> With incremental copies turned on in the LaCie BOSS app (**Settings > SD/USB copies**), you have the option to also enable "Ask for full copy". This option forces prompts asking if you want a full or incremental copy each time an SD card or USB device is connected to Rugged BOSS SSD. This prompt only appears in the LaCie BOSS app and is not available on the LCD screen.

Deleting backup folders and incremental copies

You may receive a specific warning message if you've deleted full and/or incremental folders of a previously ingested SD card or USB storage device. The warning message lets you know that there are no new files on

the device and asks if you want to perform a full copy. You might expect that a full copy would automatically run since the files have been deleted. However, since the BOSS app recognizes devices that have been previously ingested, it only searches for new files when the incremental copy option is enabled. Initiating a full copy helps to reestablish the content on the storage device so that future ingests only include new files.

Cloning LaCie Rugged BOSS SSD

Clone setting

Newer versions of the LaCie BOSS app include the clone feature. You can review step-by-step instructions and clone details in **Settings > Clone Rugged BOSS SSD**.

Cloning

The clone feature provides a simple way to back up content stored on your Rugged BOSS SSD. A clone is ideal if the space on Rugged BOSS SSD is running low or you prefer to keep your media on several storage devices for protection. The first time it is run, a clone backs up all files stored on Rugged BOSS SSD to another storage device. Subsequent clones to the same storage device only back up new files added to Rugged BOSS SSD. Connecting a different storage device for cloning will initiate a full backup.

Rules for cloning

Cloning Rugged BOSS SSD requires ample storage space and demands a good amount of power. Review the following rules for cloning to get started:

- The target storage device must have available capacity greater than Rugged BOSS SSD. It cannot be equal to or less than Rugged BOSS SSD. For example, if your Rugged BOSS SSD has 1TB of storage, the storage device must be greater than 1TB.
- The target storage device must be connected to Rugged BOSS SSD's USB Type A port. The USB-C port on Rugged BOSS SSD is only for computer connections and cannot be used for cloning.
- Rugged BOSS SSD must be connected to its power supply and the power supply must be connected to an active outlet. Cloning can take time which will drain the battery. Therefore, the power supply must be connected to launch a clone.
- You must use the LaCie BOSS app to initiate the first clone. Subsequent clones to the same storage device can be initiated via the hardware button on Rugged BOSS SSD. Even though the LCD prompt shows "Copy?", Rugged BOSS SSD recalls if a drive has been assigned as a clone target. Applying a short press to agree to the prompt will initiate a clone if the connected drive is a clone drive.

Note—When cloning large amounts of data, Rugged BOSS SSD can become hot due to longer copy times. Always keep Rugged BOSS SSD in a cool environment when cloning.

Performing a clone

Using the rules above as your guidelines, follow the prompts in the LaCie BOSS app.

Designating a clone drive

Upon following the cloning rules listed above, Rugged BOSS SSD prompts you to designate the drive as a clone drive. Once designated as a clone, the drive will no longer be prompted for copies. This is meant for your convenience since it would be unfortunate to connect a storage device used as a clone and then accidentally copy all of its files to Rugged BOSS SSD. Further, after the first clone, you can connect the clone drive to Rugged BOSS SSD and then push the button at the “Copy?” prompt on the LCD. Since it has already been used as a clone drive, Rugged BOSS SSD will automatically clone new files to the storage device. It will not copy files to Rugged BOSS SSD.

Removing the clone drive designation

If you no longer want to use a storage device as a clone drive, you can change the designation in the BOSS app.

1. Connect the clone drive to Rugged BOSS SSD.
2. Launch LaCie BOSS on your mobile device.
3. Open the menu drawer on the left.
4. Apply a long push on the drive.
5. Tap **Disable clone drive**.

Alternatively, you can tap the More menu on the right and choose **Disable clone drive**.

While the storage device is no longer designated as a clone drive, disabling clone drive does not delete the files that have been backed up.

Clone drive directories

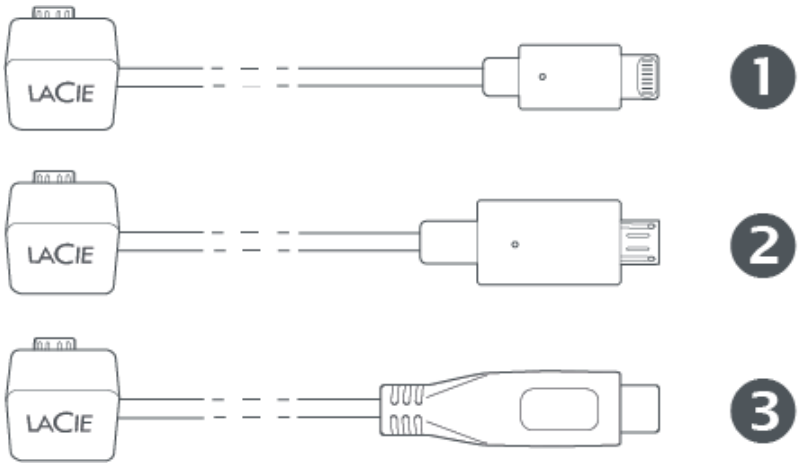
The target clone drive has a clone folder that organizes backups by the dates performed. If files on Rugged BOSS SSD are deleted or altered subsequent to the previous clone, the original versions are moved to a folder called **Archive**.

Connections

The recommendations below provide details on connecting devices to LaCie Rugged BOSS SSD.

Mobile device port

The mobile device port conforms to Micro-USB measurements. Use one of the three custom cables to connect a mobile device to Rugged BOSS SSD.



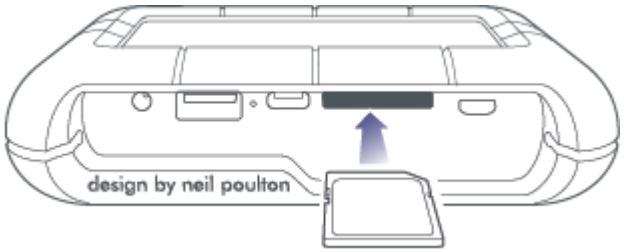
1. **Lightning: iOS devices**
2. **Micro-USB: Android devices with Micro-USB ports**
3. **USB-C: Android and iOS devices with USB-C ports**

! Connections using third-party cables have not been tested and their stability cannot be assured.

i **iPad Pro with USB-C —** Connecting Rugged BOSS SSD to iPad Pro with USB-C requires the most recent firmware. For more details, see this knowledge base article.

Secure Digital (SD) card port

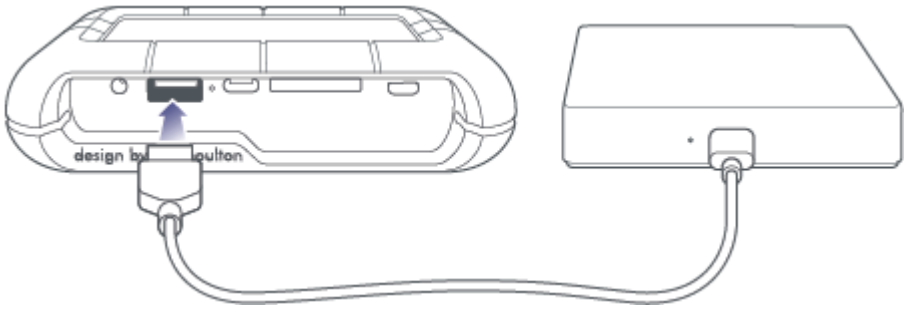
Insert SD cards into the SD card slot. For microSD cards, use the included microSD to SD adapter.



The included microSD to SD UHS-I adapter is compatible with both UHS-I and UHS-II microSD cards. A UHS-II adapter may be required to achieve the highest data transfer performance when copying from UHS-II microSD cards.

USB Type A port

The USB Type A port allows you to connect a wide range of external devices to Rugged BOSS SSD. Connect the device to the Type A port on Rugged BOSS SSD using a USB cable recommended by the device manufacturer (not included).



Powered devices and USB warning
When connecting powered devices such as desktop storage, drones, or cameras, confirm that they are powered on before pushing Rugged BOSS SSD's action button. If the device is powered off, you may receive an error message on Rugged BOSS SSD's LCD asking you to check the USB connection.

Some powered devices may not appear on the LCD when they are powered on, even if the BOSS app recognizes the connection.

Once you've connected the USB device to Rugged BOSS SSD, follow the Easy copy prompts on the LCD, or use the LaCie BOSS app to copy and manage data on the device.

Recommendations for USB Type A connections

Drones, DSLR, point & shoot cameras, and video devices

Photographic equipment with USB ports can connect directly to Rugged BOSS SSD. Make certain to use a cable that supports the port on your device as it can differ by model. If you receive a USB error on the LCD, see the note above regarding powered devices.

It is recommended that you change your camera's connection state to "Mass storage" if the option is available in the device's settings.

iPhone, iPad and Android phone/tablet

While USB storage and photographic devices are the expected devices, Rugged BOSS SSD can also copy files stored on an iPhone, iPad or Android phone/tablet via the Type A port. Similar to storage devices connected to the Type A port, you can copy all the contents on your mobile device's storage using Easy copy. However, performing an Easy copy also copies all system files on your mobile device. For precision copying, connect your mobile device to Rugged BOSS SSD via the dedicated tethered cable and use the BOSS app to choose only the files you want.

If you connect your mobile device to the Type A port and select an Easy copy, you may receive an error message on the LCD to check the USB connection. Both Android and iOS require permission to allow connected devices to access files. Many Android and all iOS devices have simple pop-up dialogs to give consent. If you do not see the pop-up on your Android device, navigate to the settings for USB connections to accept sharing files. The default for some Android devices is to allow a connected device with a battery to charge from your mobile device, which is not recommended.

Copies from Android and iOS mobile devices back up media files from the Camera Roll. A copy from the mobile device is not a backup of the device and should not be considered a full backup.

USB hub

While a USB hub can support multiple USB storage devices, it's possible that Rugged BOSS SSD only recognizes one of them. Use the LaCie BOSS app to choose which devices to manage on the USB hub.

Computer - Not recommended

While a USB cable can connect a computer to Rugged BOSS SSD via the USB Type A port, it's not recommended. Tasks such as copying files are not available to computers when connected to the Type A port. Computers that accept a charge via USB will rapidly drain Rugged BOSS SSD's battery if it's not connected to a power outlet. Computer connections should be made via Rugged BOSS SSD's USB-C port.

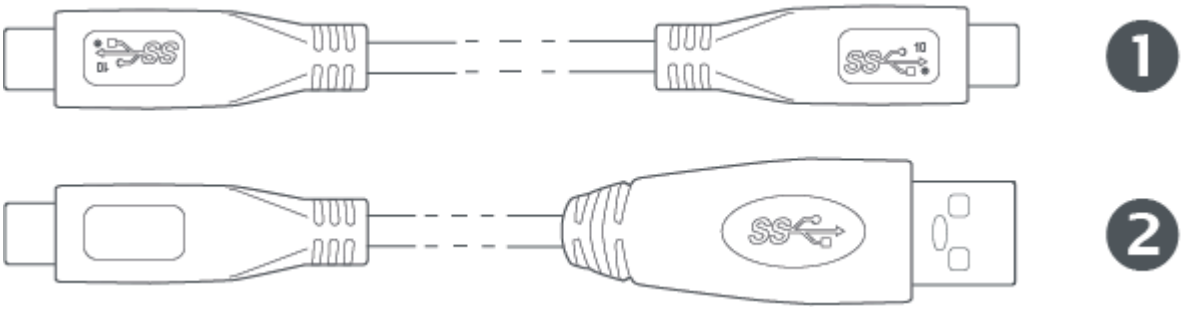
USB-C port

Rugged BOSS SSD is a large capacity hard drive and hub when connected to a PC/Mac.

Rugged BOSS SSD's USB-C port is meant for connection to a computer. Use computers with the following operating systems:

- macOS 10.12 (Sierra) and higher
- Windows 10 and higher

Connect your computer to Rugged BOSS SSD using one of the included cables:



1. **USB 3.1 Type C**
2. **USB 3.0 Type C to A**

iPad Pro with USB-C — Connecting Rugged BOSS SSD to iPad Pro with USB-C requires the most recent firmware. For more details, see this knowledge base article.

Recommendations for USB-C connections

BOSS app and the USB-C connection

To use Rugged BOSS SSD as a hard drive for a PC/Mac, make sure Rugged BOSS SSD is in power saving mode before connecting it to a computer. Power-saving mode is initiated after two minutes of inactivity, or can be selected from the BOSS app settings. Alternatively, you can apply a long push (3 seconds) to the hardware button and then confirm "Off" at the LCD prompt with a short push (1 second). Make certain that a mobile device is not connected to the tethered cable. In this state, data transfers are managed by the computer—if you reconnect your mobile device to Rugged BOSS SSD, the BOSS app cannot read or write files on Rugged BOSS SSD because the computer is managing activities.

If you connect Rugged BOSS SSD to a PC/Mac while a mobile device is connected or a copy is in progress, file management is not given to the computer in order to avoid interrupting current activities. You will not see Rugged BOSS SSD in the computer's file manager until you disconnect the mobile device and Rugged BOSS SSD is in power saving mode.

Refresh after disconnecting from computer

After Rugged BOSS SSD has been safely ejected from a computer and the cable is disconnected, you are prompted to refresh by pushing Rugged BOSS SSD's action button. Since Rugged BOSS SSD's system was in power-saving mode during the connection to the computer, it must wake up to update the status details for

available storage and battery charge.

Rugged BOSS SSD hard drive format

While the default storage format used by Rugged BOSS SSD (exFAT) is universal for Mac and Windows, you have the potential for better transfer rates by changing it to one of the following:

- macOS: HFS+ (Journaled)
- Windows: NTFS

If you want to change the format, use the default utility for your operating system.

> **!** Formatting deletes all data on the hard drive. Before you format the drive, copy everything on Rugged BOSS SSD to another hard drive.

For further information, see the instructions for your operating system.

- macOS
- Windows

Partitioning Rugged BOSS SSD's internal drive

In general, it's recommended that you organize content on Rugged BOSS SSD's internal drive using folders instead of partitions. However, if you choose to partition the internal drive, make sure that at least one volume is greater than 50% of the total 1TB storage capacity. Rugged BOSS SSD requires one volume that exceeds a minimum 500GB of storage capacity.

Hub - SD card and USB Type A port

When Rugged BOSS SSD is connected to a computer via the USB-C port, it serves as a hub—this means that SD cards and USB storage devices connected to Rugged BOSS SSD are available to your computer.

> **!** Make sure to eject connected SD card and USB device volumes before ejecting and disconnecting Rugged BOSS SSD from a PC/Mac.

Mobile device connection via USB-C

Some Android and iOS mobile devices include support for external storage devices via direct connection, similar to computers. While you can browse files on BOSS Rugged SSD using the mobile operating system, such connections are not supported by the LaCie BOSS app. Please use the tethered cable for connections to LaCie BOSS.

It's recommended that you connect your mobile device to Rugged BOSS SSD using the dedicated tethered cable. This allows you to manage data on Rugged BOSS SSD and your mobile device with the LaCie BOSS app.

Charging your Rugged BOSS SSD

Rugged BOSS SSD receives power via:

- The included power supply unit plugged into a power outlet.
- A USB-C connection to a computer or a power delivery charging device such as a USB-C power adapter or an external battery.

Power supply unit

Fully charging Rugged BOSS SSD with the included power supply may take several hours. Recharge time may be increased if Rugged BOSS SSD is in active use.

! When charging the device using the power supply port, use only the power supply provided with your device. Power supplies from other LaCie and third-party devices can damage your Rugged BOSS SSD. For details on charging the device using the USB-C port, see USB-C connection below.

USB-C connection

Rugged BOSS SSD can receive a charge for its battery when connected via the USB-C port to a computer, charging device, or external battery.

- The charge rate depends on the current from the connected power source.
- It may take several hours to fully charge Rugged BOSS SSD.
- Power sources providing less than 1.5A may result in slow or negligible charging rates.

Charging your mobile devices from Rugged BOSS SSD

Rugged BOSS SSD can charge mobile devices connected to the mobile port or the USB Type A port.

Mobile port

Typically you'll want to connect your mobile device to Rugged BOSS SSD's mobile port using the included tethered cable, as this allows you to easily manage your data using the LaCie BOSS app. The mobile port delivers 1A for Lightning and USB-C connections and 900mA for Micro-USB connections. When charging iOS

devices connected to the mobile port, make certain that Rugged BOSS SSD is receiving power from its power supply unit.

Connected iOS mobile devices will receive a charge only when Rugged BOSS SSD is receiving power from its power supply unit.

USB Type A port

You can also connect your mobile device to Rugged BOSS SSD's USB Type A port. The Type A port delivers 1.5A for Lightning and USB-C connections and 900mA for Micro-USB connections.

LaCie BOSS only connects to Rugged BOSS SSD when the mobile device uses the tethered cable. The app cannot manage data on Rugged BOSS SSD when the mobile device is connected to the USB Type A port.

Slow charging

A "Charging slowly" message on your mobile device means it does not support Charging Downstream Port (CDP). Because Rugged BOSS SSD does not support Dedicated Charging Port (DCP) over a USB Type A connection, your mobile device will charge at the slower Standard Downstream Port (SDP) speed of 500mA. Connect your mobile device to Rugged BOSS SSD's mobile port for faster charging.

Charging compatible devices from Rugged BOSS SSD

Devices with batteries that charge via USB can receive up to 1.5A when connected to Rugged BOSS SSD's USB Type A port. Micro-USB devices receive up to 900mA.

System Events

Power-saving mode

When not in use, Rugged BOSS SSD conserves energy by putting its processor into power-saving mode. The LCD displays the following when Rugged BOSS SSD is entering power-saving mode:

The device wakes up when:

- A mobile device is detected following a push on the action button
- When an Easy copy is launched (Rugged BOSS SSD detected an SD card or USB-connected device following two pushes on the action button).

For more details, see Action Button Scanning and Easy Copy.

It can take up to 20 seconds to wake up the processor.

Manually wake up Rugged BOSS SSD

You can manually wake up Rugged BOSS SSD:

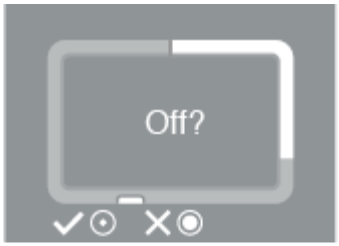
1. Apply a short push (1 second) to the action button to display Rugged BOSS SSD's status.
2. Within 10 seconds, apply a long push (3 seconds) to the action button. The following prompt appears:

3. Use a short push on the action button to confirm or a long push to cancel.

Manually initiate power-saving mode

When Rugged BOSS SSD is active, you can manually initiate power-saving mode:

1. Apply a long push (3 seconds) to the action button. The following prompt appears:



2. Use a short push on the action button to confirm or a long push to cancel.

Operation in progress

The LCD displays the following when Rugged BOSS SSD is working on an operation or waking from power-saving mode:

Manual Actions for Undetected Mobile, SD and USB Devices

Using the action button, you can command LaCie Rugged BOSS SSD to perform certain operations that are normally automated.

Manually detect a mobile device

Rugged BOSS SSD is designed to autodetect a wide variety of connected mobile devices, however, some mobile devices may not trigger this automated process.

To manually detect a mobile device:

1. Wait for Rugged BOSS SSD to enter power-saving mode (the LCD has no content).
2. Apply a short push (1 second) to the action button to display Rugged BOSS SSD's status.
3. Apply a long push (3 seconds) to the action button.
4. The LCD displays a prompt:

Apply a short push to the action button to confirm.

iPad Pro with USB-C — Connecting Rugged BOSS SSD to iPad Pro with USB-C requires the most recent firmware. For more details, see this knowledge base article.

Manually detect a USB device for Easy copy

Some USB devices are not autodetected for Easy copy after pushing the action button twice. The status screen appears but the USB icon is not lit and there is no prompt to copy. You may encounter this issue with USB devices that have an independent power source (such as a power supply or battery).

To manually detect a USB device for Easy copy:

1. Wait for Rugged BOSS SSD to enter power-saving mode (the LCD has no content).
2. Apply a short push (1 second) to the action button to display Rugged BOSS SSD's status.
3. Apply a long push (3 seconds) to the action button.
4. The LCD displays a prompt:

Apply a short push to the action button to confirm.

LaCie BOSS App

LaCie BOSS lets you manage files stored on LaCie Rugged BOSS SSD as well as devices connected to its SD and USB ports (drones, SD cards, USB storage, cameras, video cameras, and more). LaCie BOSS app can be used with:

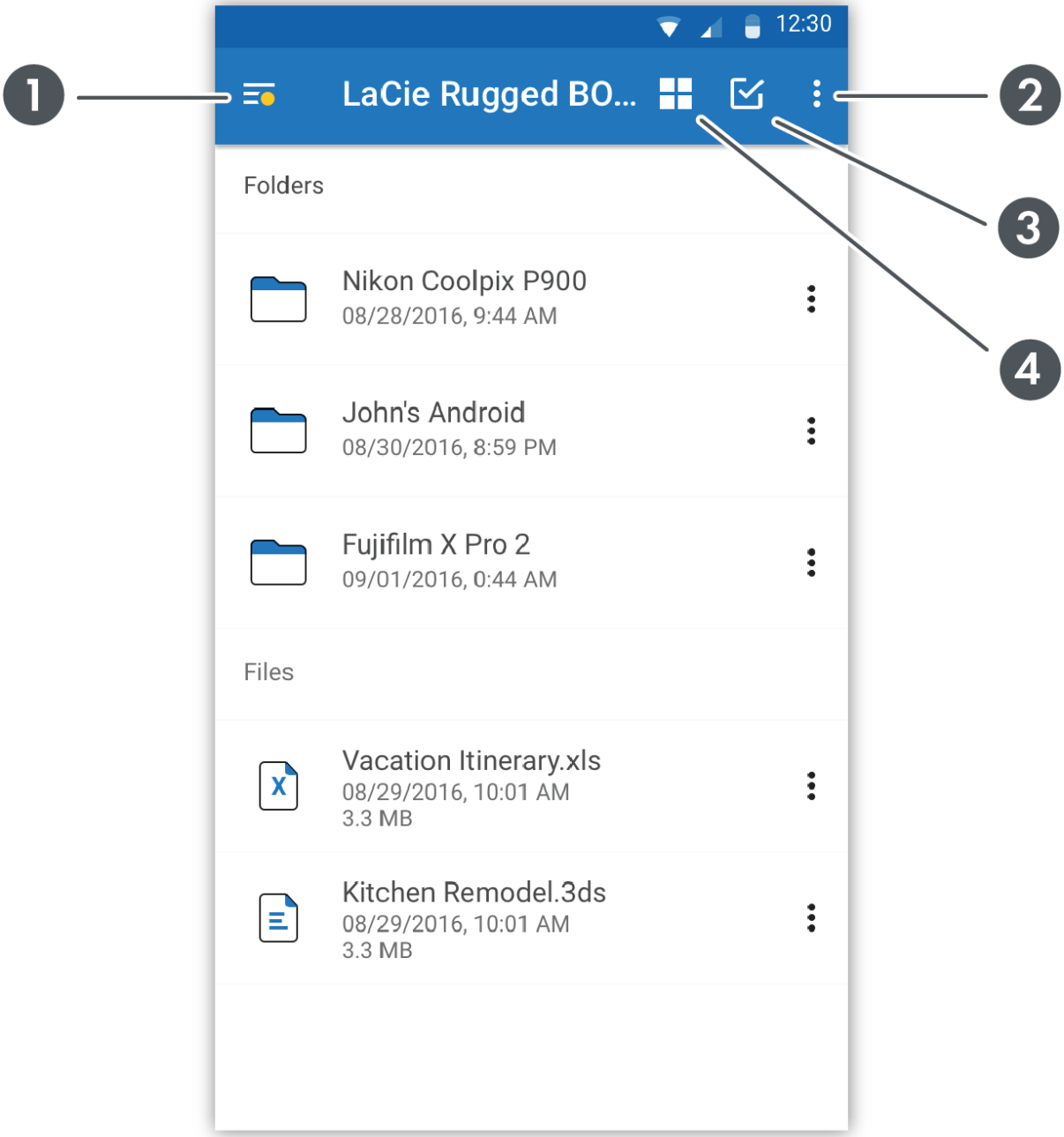
- Android 6.0 and higher
- iOS 11.0 and higher

Use LaCie BOSS app to:

- View files on Rugged BOSS SSD, connected SD cards and USB drives, and your mobile device.
- Copy files from connected SD cards and USB drives to Rugged BOSS SSD.
- Manage files on Rugged BOSS SSD.
- Confirm Easy copy using your mobile device instead of the LCD and action button.
- Queue ports for Easy copy using your mobile device.

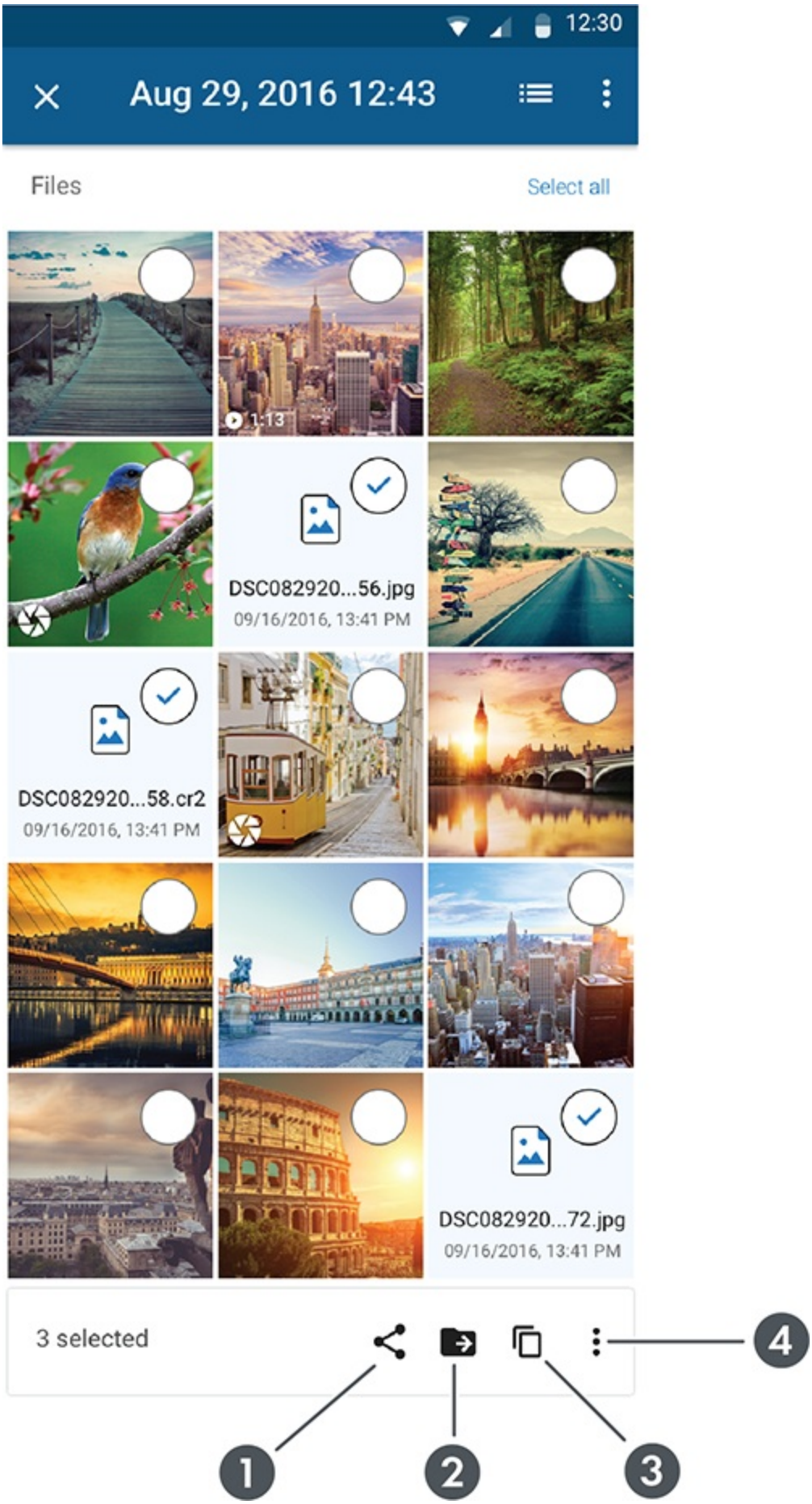
Menus and options

Use the Navigation and More menus to manage files and app settings.



1. **Navigation (open/close side menu)**
2. **More**
3. **Select**
4. **View**

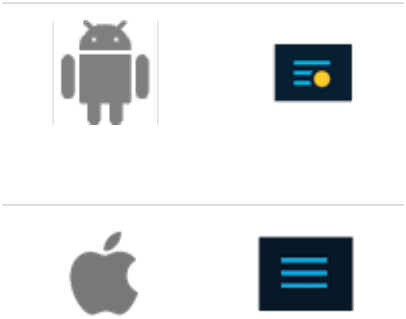
When folders and files are selected, options appear at the bottom of the screen.


12:30
Aug 29, 2016 12:43
Files
Select all
1:13
DSC082920...56.jpg
09/16/2016, 13:41 PM
DSC082920...58.cr2
09/16/2016, 13:41 PM
DSC082920...72.jpg
09/16/2016, 13:41 PM
3 selected
1
2
3
4

1. **Share**
2. **Move**
3. **Copy**
4. **Options**

Selecting a device

1. Tap the Navigation icon.



2. Tap to select a device.

You can also open the Navigation menu using a gesture to slide it out from the left side of the screen.

Viewing folders and files

Browse folders and files by tapping on a folder to open it. Use the Back icon to navigate back to the previous folder.

View options

Use the view options to:

- View files as a grid of thumbnails or as a list
- Select the sorting order for folders and files

To select from view options:

Tap the View icon

Tap the More icon

Use pinch gestures to switch between grid and list views. Pinch outward for a grid view and inward for a list view.

Selecting folders and files

1. Tap on the More icon.

2. Tap **Select**.
3. Tap on folders and files. To select all files currently listed, tap the More icon again and choose **Select all**. A checkmark indicates selected folders and files.

To deselect all currently selected folders and files, tap the More icon and choose **Clear selection**.

Copying folders and files

1. Select the folders and files you want to copy.
2. Tap the Copy icon. The Navigation menu slides open.
3. Select the destination device.
4. Navigate to the destination folder for the copied data.
5. Tap the Checkmark icon to confirm the copy, or the X icon to cancel.

Moving folders and files

1. Select the folders and files you want to move.
2. Tap the Move icon. The Navigation menu slides open.
3. Select the destination device.
4. Navigate to the destination folder for the moved data.
5. Tap the Checkmark icon to confirm the move, or the X icon to cancel.

Sharing files

1. Select one or more files you want to share.
2. Tap the Share icon.
3. Choose your sharing application.

Deleting files

1. Select folders and files you want to delete.

Tap the Options icon at the bottom of the screen , and then select **Delete**.

Tap the Trash icon at the bottom of the screen.

2. A dialog box appears. Confirm the deletion by tapping **Delete**, or **Cancel** to abort.

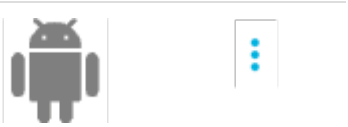
View info

You can view the following information on folders and files:

- **Name** - Name of the folder or file.
- **Date** - Date the folder or file was created.
- **Type** - Document type. Folders are listed as FOLDER.
- **Size** - File size. (Not listed for folders.)
- **Path** - The location of the file or folder in the file system.

To view file or folder information:

1. Tap the Options icon next to a folder or file.



2. Select **Info**.
3. Select **Done**.

Renaming folders and files

1. Tap the Options icon next to the folder you want to rename.

2. Select **Rename**.
3. A dialog box appears. Use the virtual keyboard to enter a new name.
4. Select **Rename**.

Rotating images

You can rotate an image 90 degrees clockwise.

1. Tap the Options icon next to an image file.

2. Select **Rotate**.

Opening files

Tap on a file to open a media file.

The BOSS app can read and play back media files supported by the mobile platform. If a media file cannot be read, the app prompts you to use an alternative app on your mobile device, or choose an app from the Google Play Store or Apple's App Store.

Confirming Easy copy using your mobile device

The BOSS app can be used to confirm an Easy copy initiated on Rugged BOSS SSD.

1. Connect your mobile device to Rugged BOSS SSD using the tethered cable.
2. Push the action button to have Rugged BOSS SSD scan for the connected mobile device. (It can take up to 20 seconds to find a connected device.) The BOSS app launches automatically.
3. Insert an SD card or connect a device (for example, storage, drone, or camera) to the USB port on Rugged BOSS SSD.
4. A prompt appears in Rugged BOSS SSD asking you to confirm the Easy copy. Tap YES to confirm or NO to cancel.

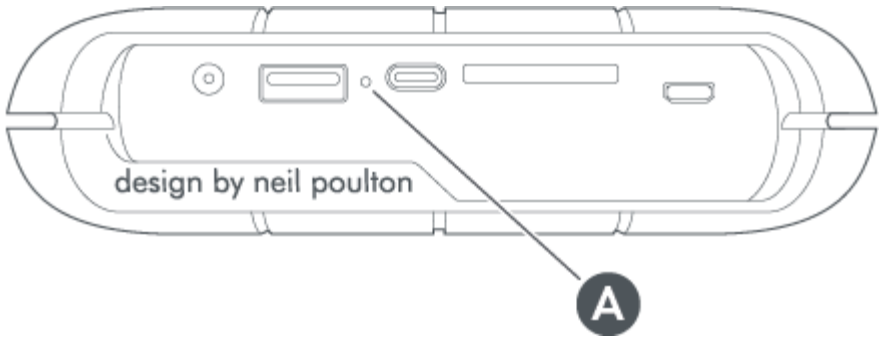
The BOSS app will send an Easy copy notification for each SD card and connected device it detects. Confirming an Easy copy will add the card or device to the Easy copy queue.

Viewing BOSS app settings

1. Tap on the Navigation icon.
2. Tap **Settings**.
3. Choose the applicable setting.

Restarting LaCie Rugged BOSS SSD

LaCie Rugged BOSS SSD is designed to be ready at any time. However, it may be necessary to restart the device via the pinhole when troubleshooting difficult problems.



A. **Restart pinhole**

1. Find the restart pinhole between the USB and USB-C ports.
2. Insert a thin rigid wire (such as the end of a paperclip) into the pinhole until it pushes the button within the enclosed space.
3. Remove the wire and wait for Rugged BOSS SSD to complete the restart sequence.

Safety Guidelines

Power source

Use only the power cable provided with LaCie Rugged BOSS SSD. Power cables from other LaCie and third-party devices can damage your Rugged BOSS SSD.

Battery safety

This product contains a lithium-ion battery that must be disposed of properly. See this link for information about recycling and proper disposal.

Please follow the battery safety items below:

- Do not dismantle, open or shred secondary cells or batteries.
- Do not expose cells or batteries to heat or fire. Avoid storage in direct sunlight.
- Do not short-circuit a cell or a battery. Do not store cells or batteries haphazardly in a box or drawer where they may short-circuit each other or be short-circuited by, other metal objects.
- When charging the device using the power supply port, use only the power supply provided with your device.
- Do not use any cell or battery which is not designed for use with the equipment.
- Do not mix cells of different manufacture, capacity, size or type within a device.
- Seek medical advice immediately if a cell or a battery has been swallowed.
- Do not subject cells or batteries to mechanical shock.
- In the event of a cell leaking, do not allow the liquid to come in contact with the skin or eyes. If contact has been made, wash the affected area with copious amounts of water and seek medical advice.
- Keep cells and batteries out of the reach of children.
- Keep cells and batteries clean and dry.
- Secondary cells and batteries need to be charged before use. See Setup for instructions on charging this device.
- Do not leave a battery on prolonged charge when not in use.
- After extended periods of storage, it may be necessary to charge and discharge the cells or batteries several times to obtain maximum performance.
- Secondary cells and batteries give their best performance when they are operated at normal room temperature (20°C+5°C).
- Retain the original product literature for future reference.
- Use only the cell or battery in the application for which it was intended.
- Dispose of this device and its battery per the applicable disposal laws of your locality, region and country.

Rugged BOSS SSD is not intended for office use.

Regulatory Compliance

China RoHS

China RoHS 2 refers to the Ministry of Industry and Information Technology Order No. 32, effective July 1, 2016, titled Management Methods for the Restriction of the Use of Hazardous Substances in Electrical and Electronic Products. To comply with China RoHS 2, we determined this product's Environmental Protection Use Period (EPUP) to be 20 years in accordance with the Marking for the Restricted Use of Hazardous Substances in Electronic and Electrical Products, SJT 11364-2014.

中国 RoHS 2 是指 2016 年 7 月 1 日起施行的工业和信息化部令第 32 号"电力电子产品限制使用有害物质管理办法"。为了符合中国 RoHS 2 的要求，我们根据"电子电气产品有害物质限制使用标识"(SJT 11364-2014) 确定本产品的环保使用期 (EPUP) 为 20 年。

部件名称 Part Name	有害物质 Hazardous Substances 铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr^{+6})	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
固态驱动器 SSD	X	O	O	O	O	O
外接硬盘印刷电路板 Bridge PCBA	X	O	O	O	O	O
电源（如果提供） Power Supply (if provided)	X	O	O	O	O	O
接口电缆（如果提供） Interface cable (if provided)	X	O	O	O	O	O
其他外壳组件 Other enclosure components	O	O	O	O	O	O

本表格依据 SJ/T 11364 的规定编制。
This table is prepared in accordance with the provisions of SJ/T 11364-2014
O: 表示该有害物质在该部件所有均质材料中的含量均在 GB/T 26572 规定的限量要求以下。
O: Indicates that the hazardous substance contained in all of the homogeneous materials for this part is below the limit requirement of GB/T26572.
X: 表示该有害物质至少在该部件的某一均质材料中的含量超出 GB/T 26572 规定的限量要求。

Taiwan RoHS

Taiwan RoHS refers to the Taiwan Bureau of Standards, Metrology and Inspection's (BSMI's) requirements in standard CNS 15663, Guidance to reduction of the restricted chemical substances in electrical and electronic equipment. Beginning on January 1, 2018, Seagate products must comply with the "Marking of presence" requirements in Section 5 of CNS 15663. This product is Taiwan RoHS compliant. The following table meets the Section 5 "Marking of presence" requirements.

台灣RoHS是指台灣標準局計量檢驗局(BSMI)對標準CNS15663要求的減排電子電氣設備限用化學物質指引。從2018年1月1日起，Seagate產品必須符合CNS15663第5節「含有標示」要求。本產品符合台灣RoHS。 下表符合第5節

「含有標示」要求。

產品名稱：外接式固態硬碟，型號: SHB011						Product Name: LaCie Rugged BOSS SSD, Model: SHB011
	限用物質及其化學符號			Restricted Substance and its chemical symbol		
單元 Unit	鉛 (Pb)	汞 (Hg)	鎘 (Cd)	六價鉻 (Cr^{+6})	多溴聯苯 (PBB)	多溴二苯醚 (PBDE)
固態驅動器 SSD	—	O	O	O	O	O
外接硬盤印刷電路板 Bridge PCBA	—	O	O	O	O	O
電源 (如果提供) Power Supply (if provided)	—	O	O	O	O	O
傳輸線材 (如果提供) Interface cable (if provided)	—	O	O	O	O	O
其他外殼組件 Other enclosure components	O	O	O	O	O	O

備考 1. "O" 係指該項限用物質之百分比含量未超出百分比含量基準值。
Note 1. "O" indicates that the percentage content of the restricted substance does not exceed the percentage of reference value of presence.
備考 2. "—" 係指該項限用物質為排除項目。
Note 2. "—" indicates that the restricted substance corresponds to the exemption.