

SONNET USB 3.0 + eSATA THUNDERBOLT™ ADAPTER

Quick Start Guide

You Should Have

The following items should be included in your product package:

- Sonnet USB 3.0 + eSATA Thunderbolt adapter

System Requirements

The Sonnet USB 3.0 + eSATA Thunderbolt adapter requires the following in order to operate with your system:

- One available Thunderbolt 2 or Thunderbolt port
- OS X® 10.8.5 or later; or Windows® 8 or Windows 7
- Internet access (for driver download, Windows only)



Support Note: This document was up to date at the time of printing. However, changes to the hardware or software may have occurred since then. Please check the Sonnet website for the latest documentation.

1. Go to www.sonnettech.com/support/kb/kb.php
2. Click the Thunderbolt Product link.
3. Click the USB 3.0 + eSATA Thunderbolt Adapter link, and then click the Documentation link.
4. Click the USB 3.0 + eSATA Thunderbolt Adapter Quick Start Guide [English] link, and then check the Document Version information. If the version listed is later than this document, click the Download Now button for the latest version.



Setup Steps

The following section includes information regarding the drivers that support the USB 3.0 + eSATA Thunderbolt Adapter.

Driver Information—Mac Users

The drivers that enable the USB 3.0 + eSATA Thunderbolt Adapter to work with your computer are installed as part of OS X 10.8.5 and later; the Sonnet adapter is ready to use when you power on your computer.

Formatting Drives—OS X Users

Use Disk Utility (found in the Utilities folder within the Applications folder) to set up connected drives for use.

Installation Steps—Windows Users

The following sections cover eSATA driver installation steps for to support the Sonnet USB 3.0 + eSATA Thunderbolt adapter on a Windows computer. Note that the required USB drivers are pre-installed under Windows. Follow the instructions in order!

1 – Connecting the Adapter to Your Computer For the First Time—Windows Users

Follow these steps the first time you connect the Sonnet adapter to your computer, otherwise it may not be recognized properly.

1. Turn off your computer.
2. Connect the USB 3.0 + eSATA Thunderbolt adapter to a Thunderbolt port on your computer.
3. Start up your computer. If your computer has 10Gbps Thunderbolt, skip to 2 – Driver Download/Installation Steps—Windows Users in the next column. If your computer has 20Gbps Thunderbolt 2, switch to the desktop; a *New Thunderbolt Devices Attached* window will appear.
4. From the drop-down menu in the *New Thunderbolt Devices Attached* window, select Always Connect, and then click OK.

2 – Driver Download/Installation Steps—Windows Users

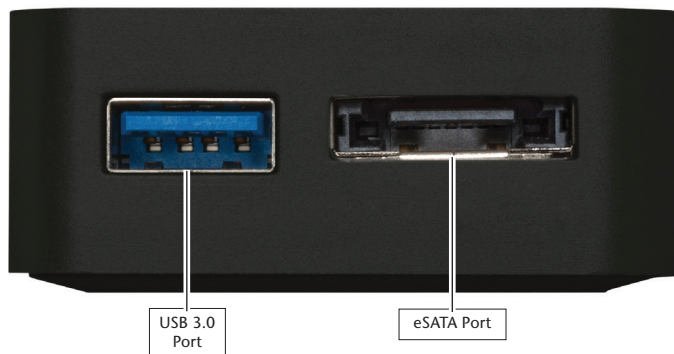
1. Log onto the Internet. Go to www.sonnettech.com/support, and then click the Online Support Knowledgebase link.
2. Click the Thunderbolt Product link, and then click the USB 3.0 + eSATA Thunderbolt Adapter link.
3. Click the USB 3.0 + eSATA Thunderbolt adapter eSATA Driver (Windows) link, and then click Download Now; a new window or tab will appear. In the new window, click `asmedia_1061.exe`, and then click Download.
4. When asked whether you want to run or save the file, click Save. When the message stating the download completed appears, click Open folder; a new window will appear.
5. Locate and double-click the `asmedia_1061` file. When asked to select an extract location, accept the default location or select a new one, and then click Extract; the file will be extracted.
6. Locate and double-click the setup file (if you haven't disabled User Access Control (UAC) on your computer, a UAC window will appear; click Yes); the *Asmedia ASM106x SATA Host Controller InstallShield Wizard* window appears. Click Next.
7. When the *License Agreement* window appears, click the "I accept the terms..." radio button, and then click Next; the driver will be installed.
8. When the *InstallShield Wizard Complete* window appears, click Finish.
9. When a window appears asking you to restart, click Yes; your computer will restart, and then the Sonnet adapter will be ready for use.

Formatting Drives—Windows Users

If you intend to format drives connected to the Sonnet adapter using Windows drive formatting tools, you may locate the information by using "format volume" as a search term in Windows Help.

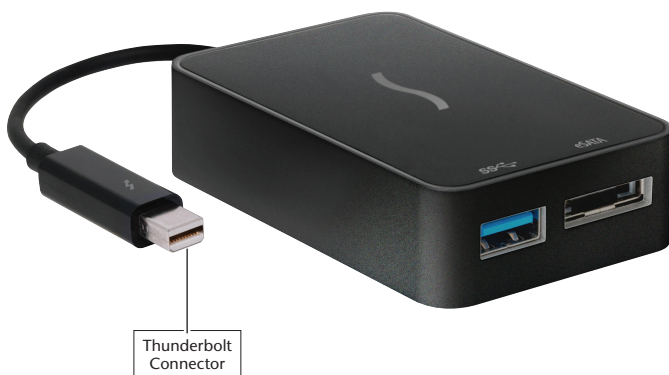
Product Description, Known Limitations and Advice

Listed below are pictures and descriptions of the Sonnet adapter's ports and indicators.



USB 3.0 Port – Plug in a standard USB 3.0 cable. The Sonnet adapter is also compatible with USB 2.0 cables. *However, when a USB 2.0 cable is used to connect a USB 3.0 device, its performance may be greatly reduced.*

eSATA Port – Plug in a data cable with an eSATA connectors to the Sonnet adapter. Note that bare SATA drives and some old drive enclosures use SATA I connectors; use of these devices with the Sonnet adapter requires a cable with a SATA I connector on one end.



Thunderbolt Connector – Plug this connector into one of your computer's Thunderbolt ports, or at the end of a Thunderbolt device chain.

Known Limitations and Advice

- USB 3.0 devices require USB 3.0 cables to support USB 3.0 (SuperSpeed) transfer speeds (up to 5 Gb/s). Use of USB 2.0 cables between USB 3.0 devices and the USB 3.0 + eSATA Thunderbolt Adapter is supported, but data transfers are limited to USB 2.0 speeds (up to 480 Mb/s).
- Many peripherals require additional drivers and application software to operate or have full functionality. Software should be included with the device, or available to download from the manufacturer's Website. Check the peripheral's user's manual for information about necessary software.
- Always "eject", "stop", "unplug", or "put away" any drive (hard drive, SSD, etc.) before disconnecting it from its cable or the Sonnet adapter.
- Always "eject" any memory card before removing it from the card reader, or disconnecting the card reader (with the card inserted in it) from its cable or the Sonnet adapter.
- Disconnecting drives while they are transferring or receiving data, may result in damage to the file(s) being transferred or cause your system to hang.
- Although some USB peripherals may draw power directly from the Sonnet adapter, many devices require an external power source. Remember to use external power supplies when necessary.
- You may connect the Sonnet adapter to and disconnect it from your computer while your computer is on; be sure to follow the above advice regarding disconnecting connected USB and eSATA devices.
- Operating system software updates may break compatibility. Specific device drivers that work under one version of OS X or Windows may not work under a later version. *Before updating to the latest OS*, we recommend that you contact Sonnet to verify that the existing drivers work. Note that in some cases, other software updates for the computer may also break compatibility.



Remember to register your product online at <http://registration.sonnettech.com> to be informed of future upgrades and product releases.

Software updates and links are available from the Sonnet web site at www.sonnettech.com. • Online support form available at <http://supportform.sonnettech.com>.

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