Quick Start Guide
for Echo™ ExpressCard® Pro Thunderbolt™ Adapter

SxS

THUNDERBOLT™

Introduction
Congratulations on your purchase! The Echo ExpressCard Pro Thunderbolt adapter is a professional SxS card reader, and expansion system for PCIe-based ExpressCard/34 adapter cards. Connection of the Echo adapter to your computer requires a single Thunderbolt cable (sold separately).

Mac® Compatibility
• Mac with a Thunderbolt or Thunderbolt 2 port
• Mac (Intel®) with Thunderbolt 3 ports with an Apple Thunderbolt 3 (USB-C) to Thunderbolt 2 Adapter (sold separately)
• Mac (M1, M1 Pro, M1 Max, M1 Ultra) with an Apple Thunderbolt 3 (USB-C) to Thunderbolt 2 Adapter (sold separately)
• macOS® 10.11.6
• macOS Monterey compatible (with SxS Driver 3.1+)

Windows Compatibility
• PC with a Thunderbolt 2 port
• Windows® 10, 8, 7

SxS Media Compatibility
• Sony SxS, SxS-1, SxS Pro, SxS Pro+, SxS Pro+ D Series, SxS Pro+ E Series, SxS PRO X

* Before the SxS device driver can be installed on an M1, M1 Pro, M1 Max, or M1 Ultra Mac, the security policy setting must be changed to Reduced Security.

Before Using the Echo Adapter
Prior to using the Echo adapter with your computer, familiarize yourself with the adapter and any cards you plan to use.

Figure 1 shows the Echo adapter's ExpressCard/34 (SxS card) slot. **Figure 2** shows the Thunderbolt port.
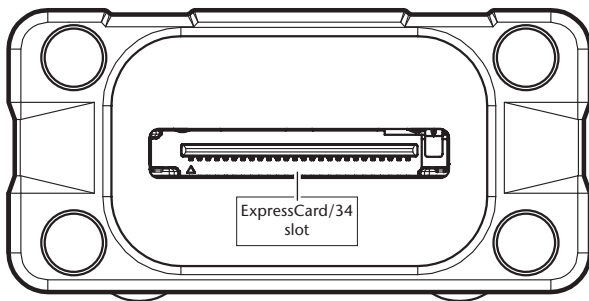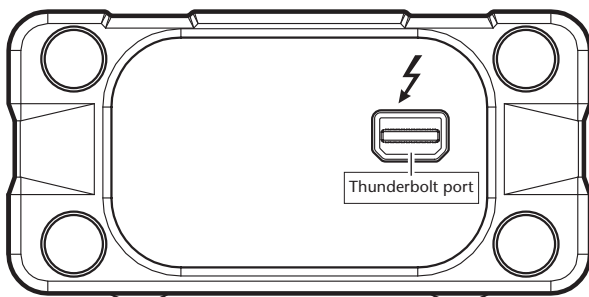

ExpressCard/34 slot

Figure 1

Thunderbolt port

Figure 2

Connecting the Echo Adapter
• Connect the Echo adapter to your computer or another Thunderbolt device using only a Thunderbolt cable.

• Connect the Echo adapter directly to your computer, or to another peripheral device at the end of the Thunderbolt daisy chain connected to your computer.

Inserting and Removing Cards
• Do not force a card into the slot, as you may damage the card or the slot connector.

• To insert a card, push it straight into the slot until it stops.

• To remove a card, pull it straight out.

• If you are using an ExpressCard/34 card to which you connect cables, always connect the cables to the adapter card before inserting it into the Echo adapter's slot.

SxS Card Driver Information

The drivers that enable the Echo ExpressCard Pro Thunderbolt Adapter itself to work with your computer are installed as part of macOS and Windows. *However*, to enable support for SxS memory cards, you must download Sony® drivers from Sonnet's website and install them on your computer. Additionally, **Windows users should download and install the Sonnet Device Manager Rescan applet.**

1. Go to https://www.sonnettech.com/support/kb/kb.php

2. Navigate to and click the Echo ExpressCard Pro Thunderbolt Adapter link.

3. Click the appropriate links for macOS or Windows software, read the instructions, and then click the Download Now button(s); note that macOS users need to download version-specific software. Follow the directions on the Sony website to download the appropriate drivers.

4. Install the drivers, and then restart your computer.

Compatible ExpressCard/34 Cards

Sonnet currently maintains a list of cards compatible with the Echo adapter. Check for compatibility information at https://www.sonnettech.com/product/echoexpresscard34thunderbolt.html?tab=2.

Please note that ExpressCard/34 cards not listed on the Sonnet Website may be also be compatible, but Sonnet makes no representations regarding the accuracy or reliability of this statement, nor makes any guarantee of future compatibility.

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Unsupported ExpressCard/34 Adapters

An ExpressCard slot supports two bus standards, PCIe and USB. ExpressCard adapters fall into two basic categories: those that use the ExpressCard's PCIe interface, and those that use its USB interface. Upon inserting the ExpressCard card into the Echo adapter, a computer automatically senses which interface the adapter is using. Examples of PCIe-based adapters include the cards listed on the Echo adapters' product page (URL listed above). Examples of USB-based adapters include USB 2.0 adapter cards and many multi-format memory card readers.

Thunderbolt does not natively support the USB bus standard, so the Echo adapter only interfaces with PCIe-based ExpressCard/34 adapters. As a result, **all USB-based ExpressCard/34 cards are unsupported**.

Tips

Device Drivers
Many ExpressCard/34 cards 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 web site. Check the peripheral's user's manual for information about necessary software.

Operating System (OS) Updates May Break Compatibility
Specific device drivers that work under one OS version may not work under a later version. This is especially true with later OS versions

Powering Devices Connected to Adapter Cards
Although some peripherals may draw power directly through adapter cards plugged into the Echo adapter, many devices may draw more power than the Sonnet device can provide from a Thunderbolt connection and require an external power source. Remember to use external power supplies when necessary.

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Warnings

Always follow the basic warnings listed here to avoid the risk of serious injury or death from electrical shock, short-circuiting, fire, and other hazards. These warnings include, but are not limited to:

• Do not attempt to disassemble or modify the device. If this device appears to be malfunctioning, contact your reseller or local distributor.

• Do not drop the device; dropping or mishandling of the device card may result in a malfunction leaving the product inoperable.

• Do not insert foreign objects inside the device.

• Do not expose the device to rain, use it near water or containers that contain liquids which might spill into any openings, or in damp or wet conditions.

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 https://www.sonnettech.com/support/kb/kb.php
2. Navigate to and click the Echo ExpressCard Thunderbolt Adapters link.
3. Click the Manual link.
4. Click the Echo ExpressCard Thunderbolt Adapters QSG [English] link and then check the Document Version information. If the version listed is later than this document (**revision F**), click the Download Now button for the latest version.

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Contacting Customer Service

Before contacting Customer Service, please check the Sonnet Web site (www.sonnettech.com) for the latest updates and files. Email requests generally receive the fastest responses, and are usually processed within a 24-hour period during normal business hours, excluding holidays. When you contact Customer Service, please have the following information available:

• Product name
• OS version
• A System Report (macOS) or a Microsoft System Information MSINFO32 (Windows) report (Windows), along with a description of the issue(s) you are encountering with your device

If further assistance is needed, contact **Sonnet Customer Service** at:
E-mail: support@sonnettech.com
Tel: 1-949-472-2772
(Monday–Friday, 9 a.m.–5 p.m. Pacific Time, excluding holidays)

Japan Customers
Contact Sonnet Customer Service Japan at:
E-mail: jp.support@sonnettech.com

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