

Tempo™ SATA ExpressCard|34

Serial ATA Host Controller for ExpressCard|34 Slot



User's Guide



Installation Preparation

Prior to connecting any drive enclosures and inserting the Tempo SATA ExpressCard/34 into your computer, familiarize yourself with the parts. We also recommend that you read the section in your computer's user manual that addresses ExpressCard use.

Figure 1 shows the Tempo card's drive activity LEDs and eSATA ports. Data cables with eSATA connectors are required for use with the Tempo card and drive enclosures. Bare SATA drives and some older drive enclosures use SATA I connectors; use of these devices with the Tempo card requires cables with a SATA I connector on one end. **Figure 2** shows both eSATA and SATA I connectors.

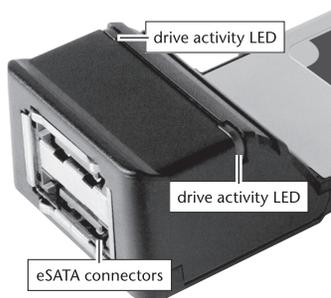
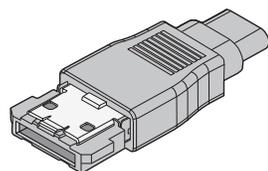
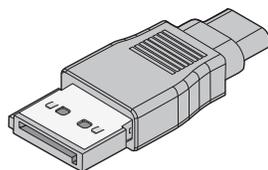


Figure 1



eSATA connector



SATA I connector

Figure 2

Quick Start Guide for Tempo SATA ExpressCard/34

You Should Have

The following items should be included in your product package:

- One Tempo SATA ExpressCard/34 adapter
- One CD

The following items are required (sold separately):

- One or more external Serial ATA Drives
- One or two external Serial ATA (eSATA) data cables

System Requirements

The Tempo SATA ExpressCard/34 host adapter card requires the following in order to operate in your system:

- ExpressCard/34 or ExpressCard/54 slot
- Mac OS® X Version 10.3 or later, or Windows® 7, Vista®, or XP with SP2 installed



Support Note: Mac users may use the software on the included Installer CD, but it may not be the latest version available. Before using this product, check the version number of the software on the CD and what's available at www.sonnetech.com/support/ and install the newer version, if available. *Windows users must have an active Internet connection in order to download and install the drivers for the Tempo card.*

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Software Installation Steps for Mac OS X Users

Before using the Tempo SATA ExpressCard/34 card with your computer, you must run the driver installation software.

1. Insert the included CD into the computer's optical drive; when the CD appears on the desktop, double-click the Sonnet E1P/E2P/E342P Installer icon, and then double-click the Tempo_SATA_E1P_E2P_E342P_Vxxx.pkg file to launch the installer; when the *Welcome to the SonnetSATA E1P/E2P/E342P Installer* window appears, click Continue.
2. When the *Important Information* window appears, click Continue.
3. When the *Software License Agreement* window appears, read the license, click Continue, and then click Agree.
4. When the *Select a Destination* window appears, accept the default destination or choose a new destination, and then click Continue.
5. When the *Easy Install* window appears, click Continue, enter your name and password, and then click OK.
6. While the driver is installed, a progress bar appears. When the *Software was successfully installed* screen appears, click Close; you may now use the Tempo card with your system.

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Using the Tempo SATA ExpressCard/34 - Mac OS X Users

Listed here is some general information about using the Tempo card with your MacBook Pro; if you are using Windows, skip to panel 6:

- Before inserting the Tempo card, connect the SATA data cables to it. This will help to prevent the card from popping out accidentally; ExpressCard/34 is a push-to-eject design.
- Before removing the Tempo card from the computer, or disconnecting cables from the Tempo card or attached drives, eject (unmount) any mounted drive or volume by dragging its icon to the Eject icon in the Dock, or clicking its Eject button in a Finder window; otherwise, data on the connected drives may be corrupted. Once all drives are unmounted, click the card's icon in the menu bar and select Power Off Card from the drop down menu; the Tempo card may be pushed in to be ejected and removed.
- Drives connected to the Tempo SATA ExpressCard/34 will be identified as SCSI drives, regardless of their actual interface; this is normal and is a function of the driver implementation.
- When there are no drives mounted and the Tempo card is plugged into your computer, you may turn it off by clicking on its icon in the menu bar and selecting Power off Card from the drop-down menu.

Formatting Drives Connected to the Tempo Card

Tempo SATA ExpressCard/34 supports up to two direct-connect drives, or up to 10 drives in enclosures with either a port multiplier or a hardware RAID controller. Use Disk Utility (found in the Utilities folder within the Applications folder) to set up connected drives for use.

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Using the Tempo SATA ExpressCard/34 - Windows Users

Listed here is some general information about using the Tempo card:

- Before inserting the Tempo card, connect the SATA data cables to it. This will help to prevent the card from popping out accidentally; ExpressCard/34 is a push-to-eject design.
- Before removing the Tempo card from the computer, or disconnecting cables from the Tempo card or attached drives, move the cursor over the icons in the taskbar until "Safely Remove Hardware" appears, click the icon, and then click the "Safely remove Silicon Image SiI 3132 SATALink controller" message. Once "Safe to Remove Hardware" appears, you may remove the Tempo card.
- Windows identifies the Tempo SATA ExpressCard/34 as a SCSI controller, and drives connected to it as SCSI disks, regardless of their actual interface; this is normal and is a function of the driver implementation.

Formatting Drives Connected to the Tempo Card

Tempo SATA ExpressCard/34 supports up to two direct-connect drives, or up to 10 drives in enclosures with either a port multiplier or a hardware RAID controller. If you intend to format drives connected to the Tempo card using Windows drive formatting tools, you may locate the information by using "format volume" as a search term in Windows Help.

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Software Installation Steps for Windows Users

Before using the Tempo SATA ExpressCard/34 card with your computer, you must install driver software; this procedure requires an active Internet connection.

1. Start Windows, and then insert the Tempo card into your computer's ExpressCard slot; a *Found New Hardware* window will appear.
2. Select the "Locate and install driver software (recommended)" option. Depending on the version of Windows your computer is running and its configuration, a User Account Control (UAC) window may appear; click Continue.
3. Windows will automatically download and install the driver; this may take several minutes. While the drivers are installed, a progress bar will appear.
4. When the next window appears, click Close; you may now use the Tempo card with your system.

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Limited Warranty

Sonnet Technologies, Inc. warrants that this product shall be free from defects in materials and workmanship for a period of one year following the original date of purchase. For complete warranty information, go to www.sonnettech.com.

Contacting Customer Service

The Sonnet web site located at www.sonnettech.com has the most current support information and technical updates.

Before you call Sonnet Customer Service, please check our web site for the latest updates and online support files, and check this user's guide for helpful information. When you call Sonnet Customer Service, have the following information available so our customer service staff can better assist you:

- Product name
- Date and place of purchase
- Computer model

If further assistance is needed, please contact us at:

Sonnet Customer Service:

Tel: 1-949-472-2772

(Monday–Friday, 7 a.m.–4 p.m. Pacific Time)

Fax: 1-949-457-6349

E-mail: support@sonnettech.com

Online Service Form: <http://serviceform.sonnettech.com>

Visit Our Web Site

For the most current product information and online support files, visit the Sonnet web site at www.sonnettech.com. Remember to register your product online at <http://registration.sonnettech.com> to be informed of future upgrades and product releases.

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