

USB 2.0 FLASH CARD READER

Aluminum 5.25" Bay 7-in-1
Flash Card Reader/Writer

525FCREADAL

Instruction Guide



* Actual product may vary from photo

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FCC COMPLIANCE STATEMENT

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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Introduction

Thank you for purchasing a StarTech.com aluminum 5.25" card reader/writer. This multi-purpose panel fits into an open 5.25" bay and provides you with a 7-in-1 card reader and two USB 2.0 ports, all conveniently located on the front of your computer. The 7-in-1 reader/writer works with CompactFlash memory cards, IBM-Microdrives, SmartMedia memory cards, Memory Stick cards, Memory Stick Pro cards, SecureDigital memory cards, and Multi-Media cards. The card reader/writer plugs into any USB port and makes it easy to transfer files, images, and music between your computer and your MP3 player, digital camera, cell phone, PDA or any other flash media device.

Features

- Supports seven different types of flash cards: CompactFlash memory cards, IBM-Microdrives, SmartMedia memory cards, Memory Stick cards, Memory Stick Pro cards, SecureDigital memory cards, and Multi-Media cards
- Conveniently provides two front USB 2.0 ports
- Powered by the USB bus; no external power source is needed
- Supports drag and drop between cards
- Reads and writes any files suited for PC or Mac computers
- Fits into any 5.25" drive bay
- Backed by StarTech.com's one-year warranty

Before You Begin

To ensure a quick and easy installation, please read through this section carefully before attempting to install the card reader/writer.

WARNING! Flash cards, like all computer equipment, can be severely damaged by static electricity. Be sure that you are properly grounded before opening your computer case or touching your card. StarTech.com recommends that you wear an anti-static strap when installing any computer component. If an anti-static strap is unavailable, discharge yourself of any static electricity build-up by touching a large grounded metal surface (such as the computer case) for several seconds.

System Requirements

- Windows 98SE/2000/ME/XP with a Pentium-class (or compatible) processor, or Mac OS 9.0 with a Power PC (or above).
- A CD-ROM drive
- An open USB port

Contents

This package should contain:

- 1 x 7-in-1 card reader/writer with 5.25" drive bracket
- 1 x motherboard connection cable
- 1 x 3 ft. USB 2.0 cable
- 1 x bag of screws
- 1 x rear bracket cover
- 1 x driver disk

Installation

This section will guide you through the installation of your card reader and the related software. Please read through the instructions carefully and complete each step in the order listed.

Depending on your OS and the configuration of your system, the instructions below may not be identical to what you see on your screen.

Installing the Panel

1. Make sure that your system is unplugged and you are grounded.
2. Remove the cover of your system and remove the cover from a 5.25" drive bay (see your computer's user manual for details, if necessary).
3. Gently insert the card reader/writer into the open 5.25" bay (after threading the attached USB cable into the computer) until it is flush with the front of the case. Make sure the bracket is lined up with the screwholes in the case, and screw the card reader/writer into place.
4. Thread the attached USB cable out the back of your computer and plug it into a USB port. You can use the metal rear bracket cover to hold the cable in place. Finally screw the bracket cover into an open I/O bracket on the rear of your computer.

NOTE: If you want to use the front USB 2.0 ports on the card reader/writer, you will need to use the motherboard connection cable. If you do not want to use the front ports, you can skip ahead to Step 7.

5. Connect the single end of the connection cable to the pins on your card reader/writer. The connectors are constructed so that it is difficult to connect the cable incorrectly.

- Connect the other end of the cable to your motherboard's USB connectors. The pins on the cable come in two groups of four wires. The connectors on the cable are:

<i>Connector</i>	<i>Color</i>
Data + GND	Green Black
Data - VCC	White Red

Note: The location and layout of your motherboard's USB connectors depends on your motherboard manufacturer. Improper connection of wires to the motherboard can result in damage to the motherboard and/or your card reader. Make sure you consult your motherboard manufacturer if you are unsure of the pinout of your motherboard.

- Re-attach your case cover and power on your computer.
- Your computer will display a message indicating that new hardware has been detected.

Installing Your Drivers

Windows 98SE and 2000 users - Follow the onscreen prompts and direct Windows to the appropriate folder on the driver disk. Windows will install the necessary drivers. Follow any on-screen prompts to complete the installation.

Windows XP users - No driver installations required.

Mac OS 9.0 - Follow the on-screen prompts and direct your Mac OS to the appropriate folder on the driver disk. Click on "Installer" to set up the driver. Follow any on-screen prompts to complete the installation.

Using Your Card Reader

The LEDs on the panel are your best indication of the card reader's activity.

- A flashing LED indicates that there is data being transferred to or from the card.
- The solid LED indicates that the card reader is powered on.

Inserting a Card

- Turn on your computer.
- Insert your memory card into the proper slot on the card reader.
- Mac users:** A new icon will appear on your desktop.
Windows users: A new icon will appear in "My Computer."
- The card can now be accessed as an extra disk.

Removing a Card

1. Make sure that none of the LEDs on the front of the card reader are flashing. If you remove the card when the LEDs are flashing, data may be lost from your card.
2. **Mac** users should drag the memory card icon to the Trash bin.
Windows users should right-click on the drive icon and choose to eject the card.
3. Physically remove the card from the reader.

Uninstalling Your Card Reader

Use this procedure to uninstall the card reader/writer.

Windows users

1. Make sure there is no card reader connected to the USB port.
2. Click on the “Uninstaller” icon in the taskbar.
3. Click on “USB Storage Device - Change/Remove.”
4. Remove all installed components and click **Next**.
5. Choose “Yes, I want to restart my computer now” to restart your computer and click **Finish**.

Mac users

1. If there is a memory card connected to the card reader, drag the memory card icon into the Trash. Wait until the icon has disappeared.
2. Disconnect the card reader.

Troubleshooting

The card reader is not detected.

The reader has not been properly connected or is not receiving enough power. Make sure that the reader's USB cable is firmly seated in the USB port.

The card does not fit in the reader.

Make sure you are installing the card in the proper slot and that the card is facing the right direction. Check with the card manufacturer's instructions.

A drive letter is shown for the card, but it can not be accessed.

The card has not been formatted or is formatted incorrectly. Follow the instructions provided by the manufacturer of your digital media device (i.e., your MP3 player, digital camera, etc.) to format the card using your digital media device.

No icon appears when a card is inserted into the reader (Mac OS X).

The card may have been formatted in Windows' FAT-32 format. Using a PC or digital device, re-format the card using the OS X-compatible FAT or FAT-16 format.

Technical Specifications

Front Ports	2 x 4 pin USB (Type A) 7-in-1 Flash Card Reader/Writer Slots
Standards	USB 2.0
Data Transfer Rate	USB 2.0 devices: Up to 480Mbits/sec USB 1.1 devices: Up to 12Mbits/sec
Flash Cards	700Kbits/sec to 480Mbits/sec
Flash Card Compatibility	Compact Flash I & II Card IBM Micro Drive Smart Media Card Secure Digital Card Multi-Media Card Memory Stick MS Pro Card
LED Indicators	4 x Activity
Enclosure Color	Aluminum
Dimensions (LxWxH)	5.8 x 1.6 x 3.1 in. (147 x 42 x 80mm)
Weight	1.29lbs (0.6kgs)
System Requirements	An available 5.25" bay 98SE/2000/ME/XP or Mac OS 9.0 and up (OS X for USB 2.0 speeds)

Technical Support

The following technical resources are available for this StarTech.com product:

On-line help:

We are constantly adding new information to the *Tech Support* section of our web site. To access this page, click the *Tech Support* link on our homepage, www.startech.com. In the tech support section there are a number of options that can provide assistance with this product.

Knowledge Base - This tool allows you to search for answers to common issues using key words that describe the product and your issue.

FAQ - This tool provides quick answers to the top questions asked by our customers.

Downloads - This selection takes you to our driver download page where you can find the latest drivers for this product.

Call StarTech.com tech support for help:

USA/Canada: 1-800-265-1844

UK/Ireland/Europe: 00-800-7827-8324

Support hours: Monday to Friday 8:30AM to 6:00PM EST (except holidays)

Warranty Information

This product is backed by a one-year warranty. In addition, StarTech.com warrants its products against defects in materials and workmanship for the periods noted, following the initial date of purchase. During this period, the products may be returned for repair, or replacement with equivalent products at our discretion. The warranty covers parts and labor costs only. StarTech.com does not warrant its products from defects or damages arising from misuse, abuse, alteration, or normal wear and tear.

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