

External Media Cards

User Guide

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Product notice

This user guide describes features that are common to most models. Some features may not be available on your computer.

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1 Using SD Card Reader cards

Optional digital cards provide secure data storage and convenient data sharing. These cards are often used with digital media–equipped cameras and PDAs as well as with other computers.

The SD Card Reader supports the following formats:

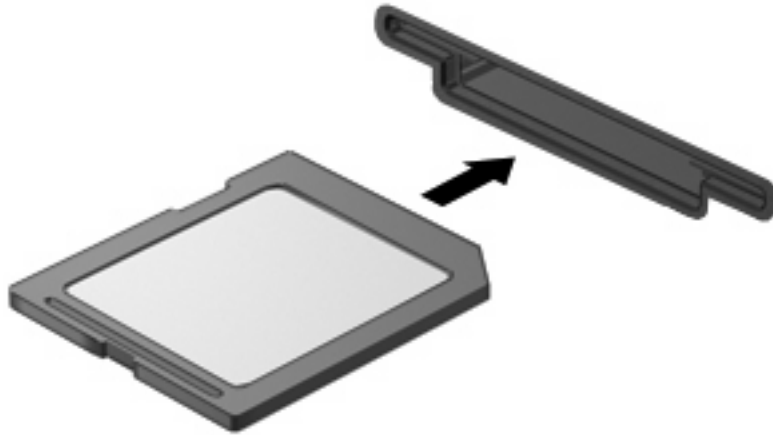
- MultiMediaCard (MMC)
- Secure Digital (SD) Memory Card

Inserting a digital card

△ **CAUTION:** To avoid damaging the digital card or the computer, do not insert any type of adapter into the SD Card Reader.

CAUTION: To prevent damage to the digital card connectors, use minimal force to insert a digital card.

1. Hold the digital card label-side up, with the connectors facing the computer.
2. Insert the card into the SD Card Reader, and then push in on the card until it is firmly seated.



You will hear a sound when the device has been detected, and a menu of available options may be displayed.

Stopping and removing a digital card

△ **CAUTION:** To prevent loss of data or an unresponsive system, stop a digital card before removing it.

1. Save your information and close all programs associated with the digital card.

📝 **NOTE:** To stop a data transfer, click **Cancel** in the operating system Copying window.

2. Stop the digital card:

- a. Double-click the **Safely Remove Hardware** icon in the notification area, at the far right of the taskbar.

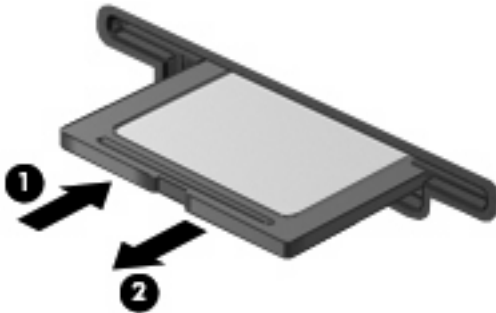
📝 **NOTE:** To display the Safely Remove Hardware icon, click the **Show Hidden Icons** icon (< or <<) in the notification area.

- b. Click the name of the digital card in the list.


📝 **NOTE:** If the digital card is not listed, you do not have to stop the card before you remove it.

- c. Click **Stop**, and then click **OK**.

3. To eject the digital card, press in on the card (1), and then remove it from the slot (2).




2 Using smart cards

 **NOTE:** The term *smart card* is used throughout this chapter to refer to both smart cards and Java™ Cards.

A smart card is a credit card–sized accessory that carries a microchip containing memory and a microprocessor. Like personal computers, smart cards have an operating system to manage input and output, and they include security features to protect against tampering. Industry-standard smart cards are used with the smart card reader (select models only).

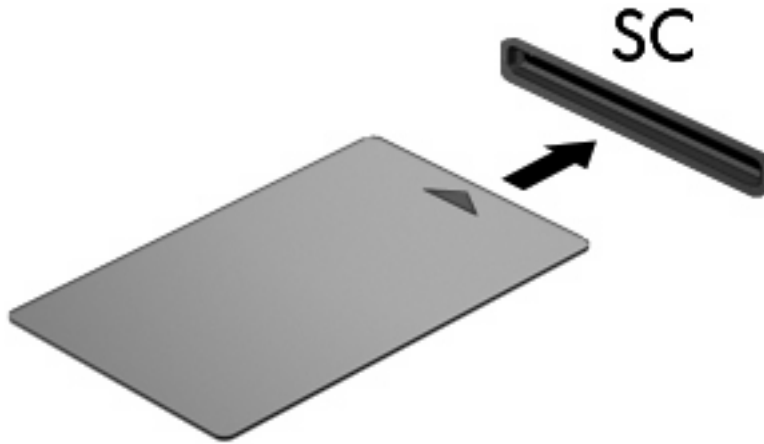
A personal identification number (PIN) is needed to gain access to the contents of the microchip. For more information about smart card security features, refer to Help and Support.

 **NOTE:** Your computer may look slightly different from the illustrations in this chapter.

Inserting a smart card

To insert a smart card:

1. Holding the smart card label-side up, gently slide the card into the smart card reader until the card is seated.

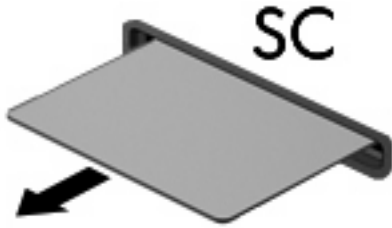


2. Follow the on-screen instructions for logging on to the computer using the smart card PIN.

Removing a smart card

To remove a smart card:

- ▲ Grasp the edge of the smart card, and pull it out of the smart card reader.



3 Using ExpressCards

An ExpressCard is a high-performance PC Card that is inserted into the ExpressCard slot.

Like standard PC Cards, ExpressCards are designed to conform to the standard specifications of the Personal Computer Memory Card International Association (PCMCIA).

Configuring an ExpressCard

Install only the software required for your device. If you are instructed by the ExpressCard manufacturer to install device drivers:

- Install only the device drivers for your operating system.
- Do not install other software, such as card services, socket services, or enablers, supplied by the ExpressCard manufacturer.

Inserting an ExpressCard

△ **CAUTION:** To prevent damage to the computer and external media cards, do not insert a PC Card into an ExpressCard slot.

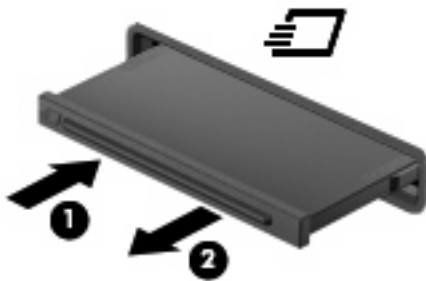
CAUTION: To prevent damage to the connectors:

Use minimal force when inserting an ExpressCard.

Do not move or transport the computer when an ExpressCard is in use.

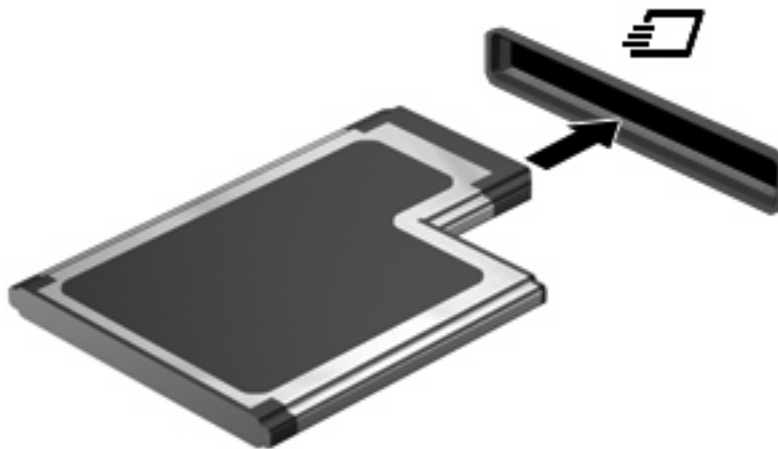
The ExpressCard slot may contain a protective insert. To remove the insert:

1. Press in on the insert (1) to unlock it.
2. Pull the insert out of the slot (2).



To insert an ExpressCard:

1. Hold the card label-side up, with the connectors facing the computer.
2. Insert the card into the ExpressCard slot, and then push in on the card until it is firmly seated.



You will hear a sound when the device has been detected, and a menu of available options may be displayed.

📄 **NOTE:** The first time you insert an ExpressCard, the “Installing device driver software” message is displayed in the notification area, at the far right of the taskbar.

📄 **NOTE:** An inserted ExpressCard uses power even when idle. To conserve power, stop or remove an ExpressCard when it is not in use.

Stopping and removing an ExpressCard

△ **CAUTION:** To prevent loss of data or an unresponsive system, stop an ExpressCard before removing it.

1. Save your information and close all programs associated with the ExpressCard.

📝 **NOTE:** To stop a data transfer, click **Cancel** in the operating system Copying window.

2. Stop the ExpressCard:

- a. Double-click the **Safely Remove Hardware** icon in the notification area, at the far right of the taskbar.

📝 **NOTE:** To display the Safely Remove Hardware icon, click the **Show Hidden Icons** icon (< or <<) in the notification area.

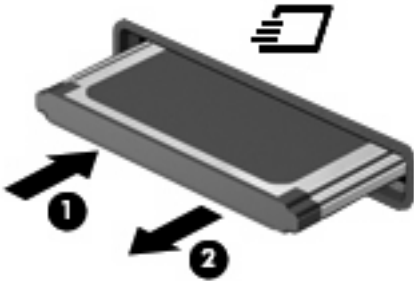
- b. Click the name of the ExpressCard in the list.

📝 **NOTE:** If the ExpressCard is not listed, you do not have to stop the card before you remove it.

- c. Click **Stop**, and then click **OK**.

3. Release and remove the ExpressCard:

- a. Gently press in on the ExpressCard **(1)** to unlock it.
- b. Pull the ExpressCard out of the slot **(2)**.



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