

Dell Pro Smartcard Keyboard-KB813

## User's Guide

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October 2024 Rev A04

# Introduction

## Overview

Congratulations on the purchase of your new Dell Pro Smartcard Keyboard.

This user's guide has been developed to provide information that will assist you in the setup and operation of your new smart card keyboard.

The Dell Pro Smartcard Keyboard can be used on PC systems running Windows 2000, Windows XP (32/64 bit), Windows Vista (32/64 bit), Windows 7 (32/64 bit), Windows 8 (32/64bit), Windows 10 (32/64bit), Windows Server 2003, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Linux Ubuntu, OpenSuse and RedHat, Windows 11.

This product can be used for banking transactions, identification systems, secure web applications, and secure logon. This smart card interface can be used with all microprocessor smart cards.

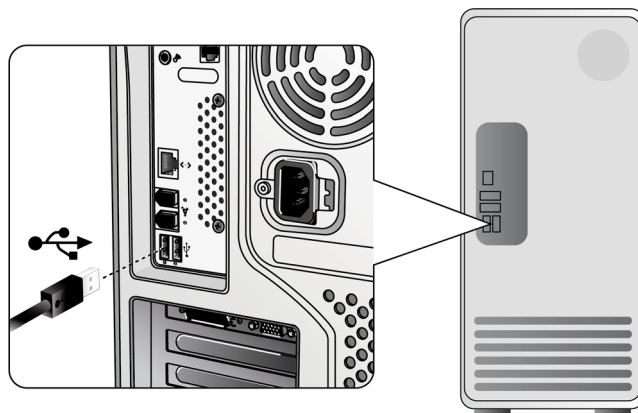
For more details see [Features](#).

## Setup

NOTE: The drivers are already factory installed if the keyboard is purchased with computer. This section is included in case you have to re-load your operating system.

### Install the Keyboard

Connect the Keyboard to any USB port on the computer. The USB port shown in the diagram is at the rear of the computer. USB ports may also be located at the front or sides.



Follow the instructions in [Install the Driver](#) section.

## System Requirements



In order to properly install and operate your Dell Pro Smartcard Keyboard, the following system requirements are necessary:

- Windows 2000, Windows XP (32/64 bit), Windows Vista (32/64 bit), Windows 7 (32/64 bit), Windows 8 (32/64 bit), Windows 10 (32/64 bit), Windows Server 2003, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Linux Ubuntu, OpenSuse, and RedHat, Windows 11.
- One free USB port.

## Features

- Compatible with all ISO7816-1/2/3/4 microprocessor smart cards including StarCOS SPK 2.3 Type Cards (T=0, T=1) up to 826Kbds (TA1=17) @4.8Mhz depending on smart card. (9600bps supported.)
- Support Class A(5V), Class B(3V), Class C(1.8V) smart cards.
- Powers off automatically when the card is removed.
- Smart Card secure PIN entry.
- PC/SC 2.0 driver up to Windows 10 and Windows 11.

## Launch Copilot in Windows

 NOTE: Use  key with supported Windows 11 devices; feature availability varies by device and market, see [aka.ms/KeySupport](https://aka.ms/KeySupport).

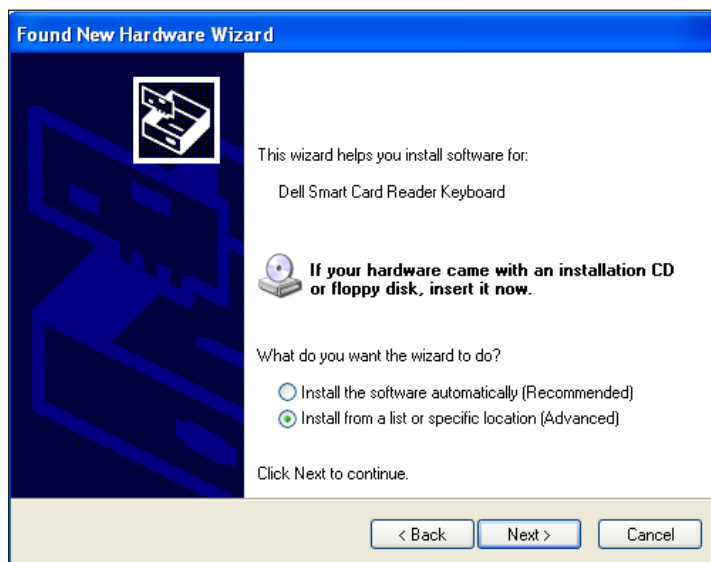
 NOTE: Copilot in Windows is available only in approved markets.

## Install the Windows XP driver

1. When the Dell Pro Smartcard Keyboard is plugged into a USB port, the following window will appear:



2. Then the following window will appear:



[Install the Keyboard](#) | [Install the Windows XP driver](#) | [Install the Vista driver](#)

[Install the Windows 7 driver](#) | [Install the Windows 8 driver](#)

[Install the Windows 10 driver](#)

[Update the Windows XP driver](#) | [Update the Windows Vista driver](#)

[Update the Windows 7 driver](#) | [Update the Windows 8 driver](#)

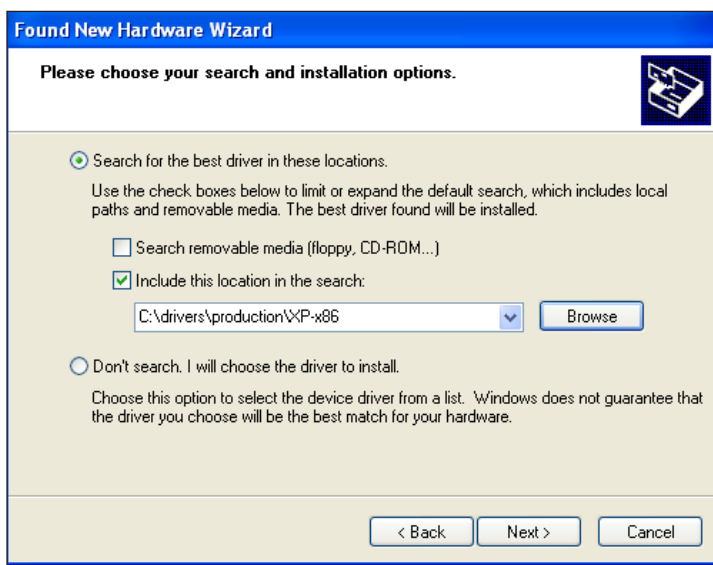
[Update the Windows 10 driver](#) | [Update the Windows 11 driver](#)

## Install the Windows XP driver

3. Download the driver as following link:

[Dell.com/support/KB813](https://dell.com/support/KB813)

Navigate to the folder where you saved the driver files.



[Install the Keyboard](#) | [Install the Windows XP driver](#) | [Install the Vista driver](#)

[Install the Windows 7 driver](#) | [Install the Windows 8 driver](#)

[Install the Windows 10 driver](#)

[Update the Windows XP driver](#) | [Update the Windows Vista driver](#)

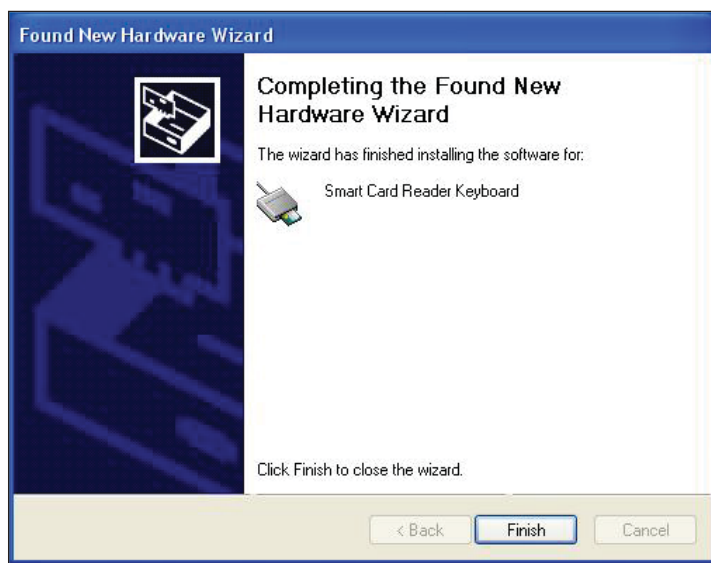
[Update the Windows 7 driver](#) | [Update the Windows 8 driver](#)

[Update the Windows 10 driver](#) | [Update the Windows 11 driver](#)



## Install the Windows XP driver

4. The installation wizard will install the driver. After a successful installation, the system will prompt you with the following message:



5. Select **Finish**. Your Smartcard Keyboard is now ready for use.



[Install the Keyboard](#) | [Install the Windows XP driver](#) | [Install the Vista driver](#)

[Install the Windows 7 driver](#) | [Install the Windows 8 driver](#)

[Install the Windows 10 driver](#)

[Update the Windows XP driver](#) | [Update the Windows Vista driver](#)

[Update the Windows 7 driver](#) | [Update the Windows 8 driver](#)

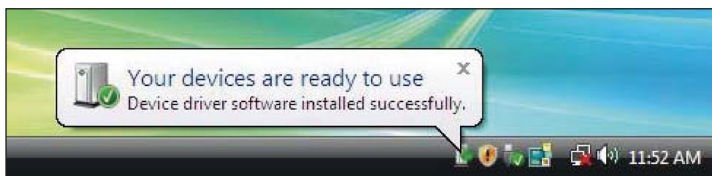
[Update the Windows 10 driver](#) | [Update the Windows 11 driver](#)

## Install the Vista driver

1. When the Dell Pro Smartcard Keyboard is plugged into a USB port, the following window will appear:



2. Wizard will install driver. After a successful installation, the system will prompt you with the following message:



[Install the Keyboard](#) | [Install the Windows XP driver](#) | [Install the Vista driver](#)

[Install the Windows 7 driver](#) | [Install the Windows 8 driver](#)

[Install the Windows 10 driver](#)

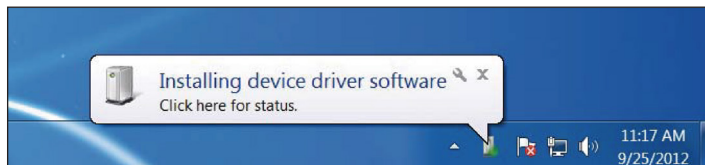
[Update the Windows XP driver](#) | [Update the Windows Vista driver](#)

[Update the Windows 7 driver](#) | [Update the Windows 8 driver](#)

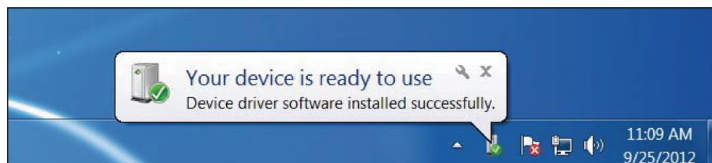
[Update the Windows 10 driver](#) | [Update the Windows 11 driver](#)

## Install the Windows 7 driver

1. When the Dell Pro Smartcard Keyboard is plugged into a USB port, the following window will appear:



2. The installation Wizard will install driver. After a successful installation, the system will prompt you with the following message:



[Install the Keyboard](#) | [Install the Windows XP driver](#) | [Install the Vista driver](#)

[Install the Windows 7 driver](#) | [Install the Windows 8 driver](#)

[Install the Windows 10 driver](#)

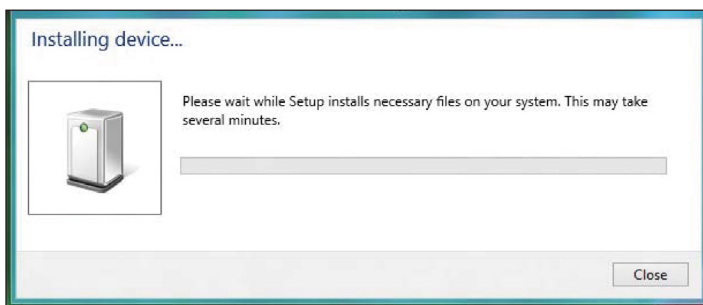
[Update the Windows XP driver](#) | [Update the Windows Vista driver](#)

[Update the Windows 7 driver](#) | [Update the Windows 8 driver](#)

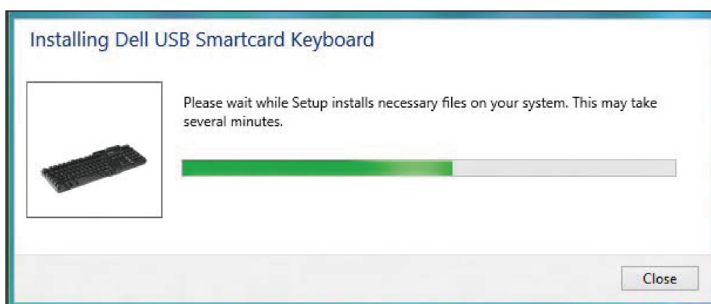
[Update the Windows 10 driver](#) | [Update the Windows 11 driver](#)

## Install the Windows 8 driver

1. When the Dell Pro Smartcard Keyboard is plugged into a USB port, the following window will appear:



2. The installation Wizard will install driver. During installation, the system will prompt you with the following window:



3. When installation is completed, your device is ready to use.

[Install the Keyboard](#) | [Install the Windows XP driver](#) | [Install the Vista driver](#)

[Install the Windows 7 driver](#) | [Install the Windows 8 driver](#)

[Install the Windows 10 driver](#)

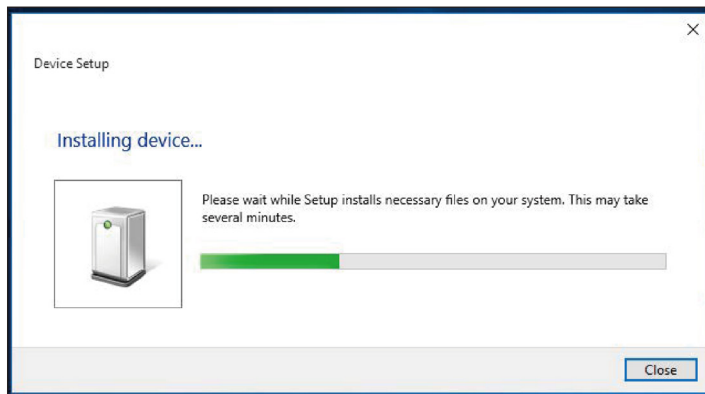
[Update the Windows XP driver](#) | [Update the Windows Vista driver](#)

[Update the Windows 7 driver](#) | [Update the Windows 8 driver](#)

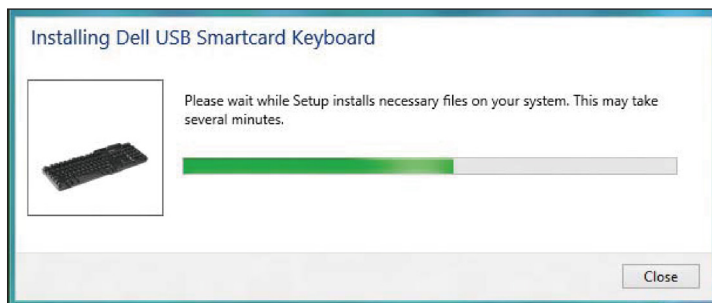
[Update the Windows 10 driver](#) | [Update the Windows 11 driver](#)

## Install the Windows 10 driver

1. When the Dell Pro Smartcard Keyboard is plugged into a USB port, the following window will appear:



2. The installation Wizard will install driver. During installation, the system will prompt you with the following window:



[Install the Keyboard](#) | [Install the Windows XP driver](#) | [Install the Vista driver](#)

[Install the Windows 7 driver](#) | [Install the Windows 8 driver](#)

[Install the Windows 10 driver](#)

[Update the Windows XP driver](#) | [Update the Windows Vista driver](#)

[Update the Windows 7 driver](#) | [Update the Windows 8 driver](#)

[Update the Windows 10 driver](#) | [Update the Windows 11 driver](#)

## Update the Windows XP driver

1. Update driver from the Dell Support website:  
[Dell.com/support/KB813](https://dell.com/support/KB813)

### Find a driver for your Dell Keyboard - Smartcard USB

Keyword

Operating system

[Don't see the one you need?](#)  
Windows XP

Download Type

All

Category

All

This is a comprehensive list of all available downloads for your Dell Keyboard - Smartcard USB  
Some may already be installed on your system. Use the filters above to find a specific driver.

Download list (2 Files: 15.07 MB)

Dell Keyboard - Smartcard USB (1)

<input checked="" type="checkbox"/>	NAME	IMPORTANCE	CATEGORY	RELEASE DATE	ACTION
<input checked="" type="checkbox"/>	Dell USB Smartcard Keyboard Driver	OPTIONAL	Mouse, Keyboard & Input Devices	07 Oct 2021	<input type="button" value="Download"/> <input type="button" value="v"/>

[Install the Keyboard](#) | [Install the Windows XP driver](#) | [Install the Vista driver](#)

[Install the Windows 7 driver](#) | [Install the Windows 8 driver](#)

[Install the Windows 10 driver](#)

[Update the Windows XP driver](#) | [Update the Windows Vista driver](#)

[Update the Windows 7 driver](#) | [Update the Windows 8 driver](#)

[Update the Windows 10 driver](#) | [Update the Windows 11 driver](#)

## Update the Windows XP driver

2. Navigate the folder where you saved the setup files.
3. Double-click the setup file and follow the on-screen instructions to install the application.



[Install the Keyboard](#) | [Install the Windows XP driver](#) | [Install the Vista driver](#)

[Install the Windows 7 driver](#) | [Install the Windows 8 driver](#)

[Install the Windows 10 driver](#)

[Update the Windows XP driver](#) | [Update the Windows Vista driver](#)

[Update the Windows 7 driver](#) | [Update the Windows 8 driver](#)

[Update the Windows 10 driver](#) | [Update the Windows 11 driver](#)

## Update the Windows Vista driver

1. Update driver from the Dell Support website:  
[Dell.com/support/KB813](https://dell.com/support/KB813)

### Find a driver for your Dell Keyboard - Smartcard USB

**Keyword**

**Operating system** [Don't see the one you need?](#)  

Windows Vista, 32-bit

**Download Type**  

All

**Category**  

All

This is a comprehensive list of all available downloads for your Dell Keyboard - Smartcard USB  
Some may already be installed on your system. Use the filters above to find a specific driver.

Download list (1 File: 2.13 MB)

[Remove Selected](#) [Download Selected](#)

Dell Keyboard - Smartcard USB (1)

<input type="checkbox"/>	NAME	IMPORTANCE	CATEGORY	RELEASE DATE	ACTION
<input checked="" type="checkbox"/>	Dell USB Smartcard Keyboard Driver	OPTIONAL	Mouse, Keyboard & Input Devices	07 Oct 2021	<a href="#">Download</a> <input type="button" value="v"/>

[Install the Keyboard](#) | [Install the Windows XP driver](#) | [Install the Vista driver](#)

[Install the Windows 7 driver](#) | [Install the Windows 8 driver](#)

[Install the Windows 10 driver](#)

[Update the Windows XP driver](#) | [Update the Windows Vista driver](#)

[Update the Windows 7 driver](#) | [Update the Windows 8 driver](#)

[Update the Windows 10 driver](#) | [Update the Windows 11 driver](#)



## [Update the Windows Vista driver](#)

2. Navigate the folder where you saved the setup files.
3. Double-click the setup file and follow the on-screen instructions to install the application.



[Install the Keyboard](#) | [Install the Windows XP driver](#) | [Install the Vista driver](#)

[Install the Windows 7 driver](#) | [Install the Windows 8 driver](#)

[Install the Windows 10 driver](#)

[Update the Windows XP driver](#) | [Update the Windows Vista driver](#)

[Update the Windows 7 driver](#) | [Update the Windows 8 driver](#)

[Update the Windows 10 driver](#) | [Update the Windows 11 driver](#)

## Update the Windows 7 driver

1. Update driver from the Dell Support website:  
[Dell.com/support/KB813](https://dell.com/support/KB813)

### Find a driver for your Dell Keyboard - Smartcard USB

**Keyword**

**Operating system** [Don't see the one you need?](#)  

Windows 7, 32-bit

**Download Type**  

All

**Category**  

All

This is a comprehensive list of all available downloads for your Dell Keyboard - Smartcard USB  
Some may already be installed on your system. Use the filters above to find a specific driver.

**Download list** (1 File: 2.13 MB)

**Dell Keyboard - Smartcard USB (3)**

<input type="checkbox"/>	NAME ↕	IMPORTANCE ↕	CATEGORY ↕	RELEASE DATE ▼	ACTION
<input type="checkbox"/>	Dell USB Smartcard Keyboard Driver	OPTIONAL	Mouse, Keyboard & Input Devices	01 Aug 2022	<input type="button" value="Download"/> ▼
<input type="checkbox"/>	Dell USB Smart Card Keyboard Driver	OPTIONAL	Mouse, Keyboard & Input Devices	16 Sep 2013	<input type="button" value="Download"/> ▼
<input type="checkbox"/>	Dell USB Smartcard Keyboard Driver	OPTIONAL	Mouse, Keyboard & Input Devices	13 Jun 2013	<input type="button" value="Download"/> ⓘ ▼

[Install the Keyboard](#) | [Install the Windows XP driver](#) | [Install the Vista driver](#)

[Install the Windows 7 driver](#) | [Install the Windows 8 driver](#)

[Install the Windows 10 driver](#)

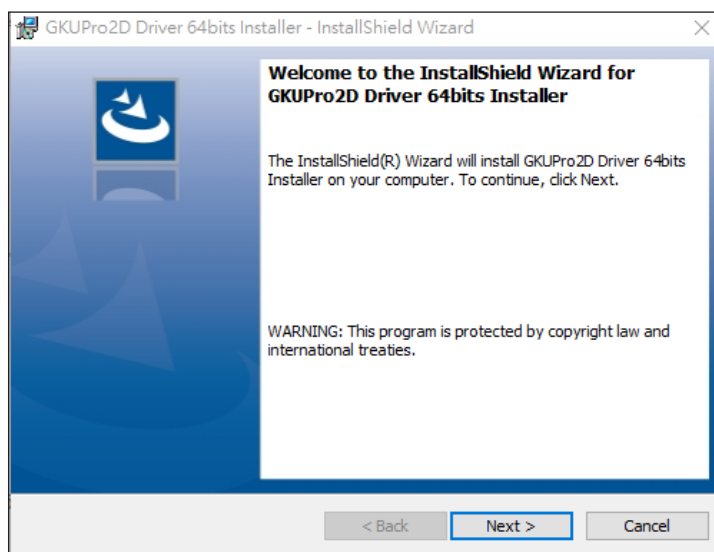
[Update the Windows XP driver](#) | [Update the Windows Vista driver](#)

[Update the Windows 7 driver](#) | [Update the Windows 8 driver](#)

[Update the Windows 10 driver](#) | [Update the Windows 11 driver](#)

## Update the Windows 7 driver

2. Navigate the folder where you saved the setup files.
3. Double-click the setup file and follow the on-screen instructions to install the application.



[Install the Keyboard](#) | [Install the Windows XP driver](#) | [Install the Vista driver](#)

[Install the Windows 7 driver](#) | [Install the Windows 8 driver](#)

[Install the Windows 10 driver](#)

[Update the Windows XP driver](#) | [Update the Windows Vista driver](#)

[Update the Windows 7 driver](#) | [Update the Windows 8 driver](#)

[Update the Windows 10 driver](#) | [Update the Windows 11 driver](#)

## Update the Windows 8 driver

1. Update driver from the Dell Support website:  
[Dell.com/support/KB813](https://Dell.com/support/KB813)

### Find a driver for your Dell Keyboard - Smartcard USB

Keyword

Enter a driver name or keyword

Operating system

Windows 8, 32-bit

[Don't see the one you need?](#)

Download Type

All

Category

All

This is a comprehensive list of all available downloads for your Dell Keyboard - Smartcard USB  
Some may already be installed on your system. Use the filters above to find a specific driver.

Download list (1 File: 2.13 MB)

Remove Selected

Download Selected

Dell Keyboard - Smartcard USB (3)

<input type="checkbox"/>	NAME	IMPORTANCE	CATEGORY	RELEASE DATE	ACTION
<input checked="" type="checkbox"/>	Dell USB Smartcard Keyboard Driver	OPTIONAL	Mouse, Keyboard & Input Devices	07 Oct 2021	<div>Download</div> <div></div>
<input type="checkbox"/>	Dell USB Smart Card Keyboard Driver	OPTIONAL	Mouse, Keyboard & Input Devices	16 Sep 2013	<div>Download</div> <div></div>
<input type="checkbox"/>	Dell USB Smartcard Keyboard Driver	OPTIONAL	Mouse, Keyboard & Input Devices	13 Jun 2013	<div>Download</div> <div></div>

[Install the Keyboard](#) | [Install the Windows XP driver](#) | [Install the Vista driver](#)

[Install the Windows 7 driver](#) | [Install the Windows 8 driver](#)

[Install the Windows 10 driver](#)

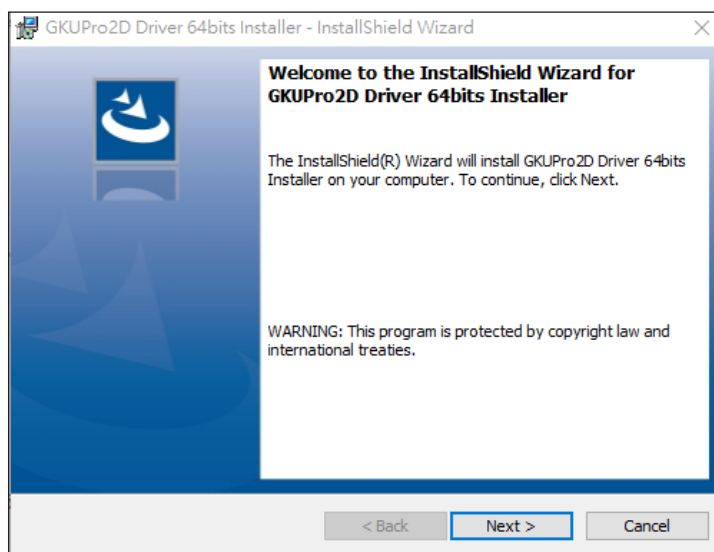
[Update the Windows XP driver](#) | [Update the Windows Vista driver](#)

[Update the Windows 7 driver](#) | [Update the Windows 8 driver](#)

[Update the Windows 10 driver](#) | [Update the Windows 11 driver](#)

## Update the Windows 8 driver

2. Navigate the folder where you saved the setup files.
3. Double-click the setup file and follow the on-screen instructions to install the application.



[Install the Keyboard](#) | [Install the Windows XP driver](#) | [Install the Vista driver](#)

[Install the Windows 7 driver](#) | [Install the Windows 8 driver](#)

[Install the Windows 10 driver](#)

[Update the Windows XP driver](#) | [Update the Windows Vista driver](#)

[Update the Windows 7 driver](#) | [Update the Windows 8 driver](#)

[Update the Windows 10 driver](#) | [Update the Windows 11 driver](#)

## Update the Windows 10 driver

1. Update driver from the Dell Support website:  
[Dell.com/support/KB813](https://Dell.com/support/KB813)

### Find a driver for your Dell Keyboard - Smartcard USB

**Keyword**

**Operating system** [Don't see the one you need?](#)  

Windows 10, 32-bit

**Download Type**  

All

**Category**  

All

This is a comprehensive list of all available downloads for your Dell Keyboard - Smartcard USB  
Some may already be installed on your system. Use the filters above to find a specific driver.

**Download list** (2 Files: 15.07 MB)

**Dell Keyboard - Smartcard USB (2)**

<input type="checkbox"/>	NAME ↕	IMPORTANCE ↕	CATEGORY ↕	RELEASE DATE ▼	ACTION
<input checked="" type="checkbox"/>	Dell USB Smartcard Keyboard Driver	OPTIONAL	Mouse, Keyboard & Input Devices	01 Aug 2022	<input type="button" value="Download"/> <input type="button" value="v"/>
<input type="checkbox"/>	Dell USB Smartcard Keyboard Driver	OPTIONAL	Mouse, Keyboard & Input Devices	13 Jun 2013	<input type="button" value="Download"/> ⓘ <input type="button" value="v"/>

[Install the Keyboard](#) | [Install the Windows XP driver](#) | [Install the Vista driver](#)

[Install the Windows 7 driver](#) | [Install the Windows 8 driver](#)

[Install the Windows 10 driver](#)

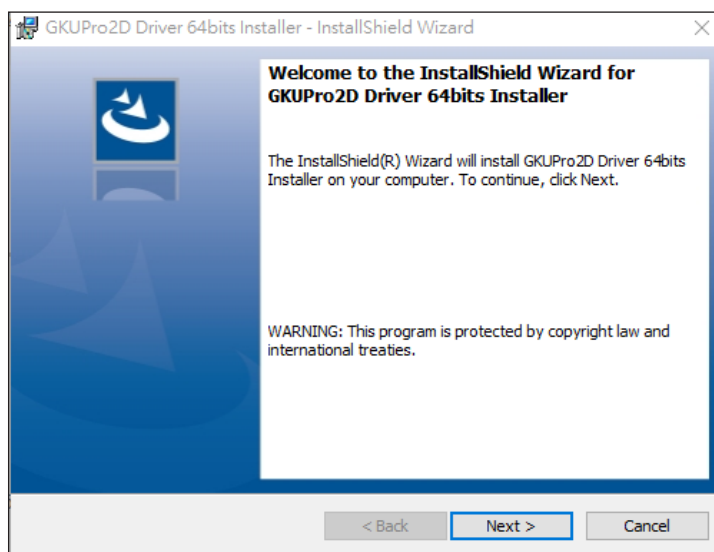
[Update the Windows XP driver](#) | [Update the Windows Vista driver](#)

[Update the Windows 7 driver](#) | [Update the Windows 8 driver](#)

[Update the Windows 10 driver](#) | [Update the Windows 11 driver](#)

## Update the Windows 10 driver

2. Navigate the folder where you saved the setup files.
3. Double-click the setup file and follow the on-screen instructions to install the application.



[Install the Keyboard](#) | [Install the Windows XP driver](#) | [Install the Vista driver](#)

[Install the Windows 7 driver](#) | [Install the Windows 8 driver](#)

[Install the Windows 10 driver](#)

[Update the Windows XP driver](#) | [Update the Windows Vista driver](#)

[Update the Windows 7 driver](#) | [Update the Windows 8 driver](#)

[Update the Windows 10 driver](#) | [Update the Windows 11 driver](#)

## Update the Windows 11 driver

1. Update driver from the Dell Support website:  
[Dell.com/support/KB813](https://dell.com/support/KB813)

### Find a driver for your Dell Keyboard - Smartcard USB

Keyword

Enter a driver name or keyword

Operating system

Windows 11

[Don't see the one you need?](#)

Download Type

All

Category

All

This is a comprehensive list of all available downloads for your Dell Keyboard - Smartcard USB  
Some may already be installed on your system. Use the filters above to find a specific driver.

Download list (2 Files: 15.07 MB)

Remove Selected

Download Selected

Dell Keyboard - Smartcard USB (1)

<input checked="" type="checkbox"/>	NAME	IMPORTANCE	CATEGORY	RELEASE DATE	ACTION
<input checked="" type="checkbox"/>	Dell USB Smartcard Keyboard Driver	OPTIONAL	Mouse, Keyboard & Input Devices	01 Aug 2022	Download

[Install the Keyboard](#) | [Install the Windows XP driver](#) | [Install the Vista driver](#)

[Install the Windows 7 driver](#) | [Install the Windows 8 driver](#)

[Install the Windows 10 driver](#)

[Update the Windows XP driver](#) | [Update the Windows Vista driver](#)

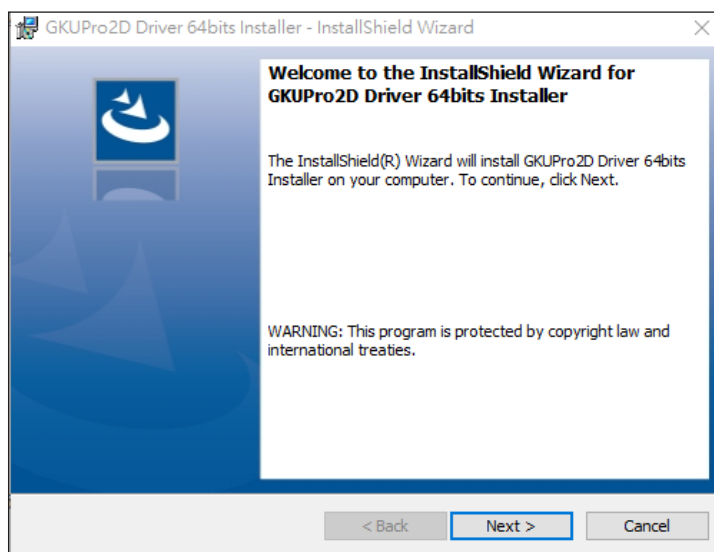
[Update the Windows 7 driver](#) | [Update the Windows 8 driver](#)

[Update the Windows 10 driver](#) | [Update the Windows 11 driver](#)



## Update the Windows 11 driver

2. Navigate the folder where you saved the setup files.
3. Double-click the setup file and follow the on-screen instructions to install the application.



[Install the Keyboard](#) | [Install the Windows XP driver](#) | [Install the Vista driver](#)

[Install the Windows 7 driver](#) | [Install the Windows 8 driver](#)

[Install the Windows 10 driver](#)

[Update the Windows XP driver](#) | [Update the Windows Vista driver](#)

[Update the Windows 7 driver](#) | [Update the Windows 8 driver](#)

[Update the Windows 10 driver](#) | [Update the Windows 11 driver](#)

## Using the Smart Card Keyboard

### Box Contents

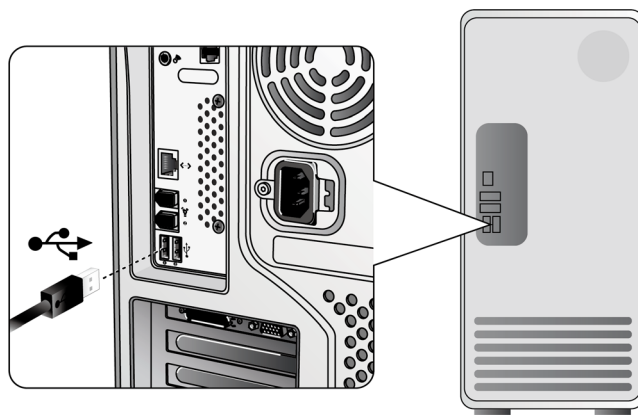
The Smart Card Keyboard includes the following items:



Open the package and remove the contents to begin the installation.

## Connect Keyboard

- Connect the keyboard to any USB port on the computer.
- The USB port shown in the diagram is at the rear of the computer. USB ports may also be located at the front.



## Attach Palm Rest

- As an option, you may attach the Palm Rest to the keyboard as shown.



## Inserting a Smart Card

To insert a smart card in the Dell Pro Smartcard Keyboard, the side of the smart card with the metallic part (contacts) must face you. In the case of a credit card, your name must face you.



If the Dell Pro Smartcard Keyboard is installed properly (see section [Setup](#)) and the smart card is inserted correctly, the smart card indicator LED should turn blue (see section [LED indicator](#) for details about smart card indicator).

## LED indicator

On the Dell Pro Smartcard Keyboard, there are four LED indicators:

- Three standard keyboard LEDs: Num Lock, Caps Lock, and Scroll Lock.
- One additional LED (2 colors) to indicate the smart card interface status as below:

LED status	Description
OFF	Smart Card is OFF or absent
Blue ON	Smart Card is present and powered on
Blue Flashing	Smart Card is in use
Amber ON	Secure PIN Entry procedure: this is the safe moment to enter your PIN code

## The Windows Keys and Applications Keys

There are three specific keys on the keyboard for more convenient use, as described below. The two Windows logo keys located on the keyboard could be used in combination with other keys.

Key Combinations	Function
One Application key	The same shortcut menu as right-clicking the desktop while pressing this key
Windows key	Start Menu
Windows key + E	Windows Explorer
Windows key + F	Find Document
Windows key + M	Minimize All
Windows key + R	Display Run Dialog Box
Windows key + F1	Display Help Menu
Windows key + TAB	Activate Next Taskbar Button
Windows key + Ctrl + F	Find Computer
Windows key + Shift + M	Undo Minimize All
Windows key + Pause/Break	Perform a System Function

## Diagnostic and Troubleshooting

### Diagnostics

NOTE 1: The diagnosis program needs to be installed on your system from [Dell.com/support/KB813](http://Dell.com/support/KB813).

NOTE 2: Run this diagnostic software if you are having issues using smart cards with your application. It will be able to determine if the smart card software and hardware are loaded and functioning properly.

### Install the Diagnostic Program

1. Diagnosis program can be installed from [Dell.com/support/KB813](http://Dell.com/support/KB813).  
Click "SmartDiag\_en.msi" under the download folder.
2. Click "Next".



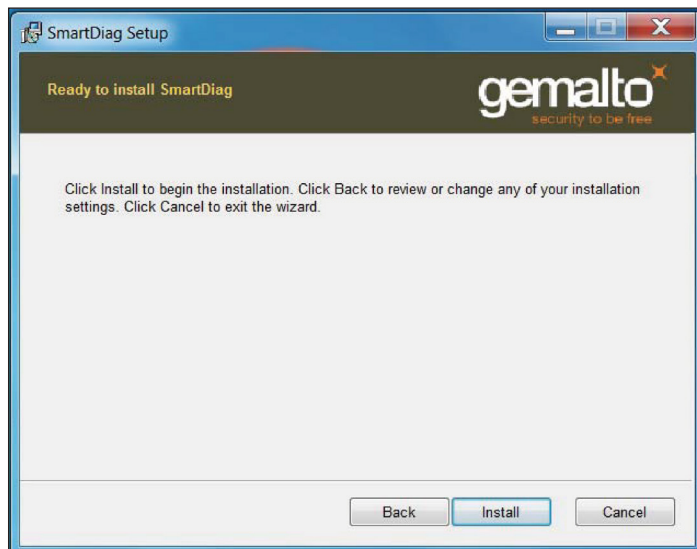


## Diagnostic and Troubleshooting

3. Click "Next".



4. Read the agreement and then click "Install".



## Diagnostic and Troubleshooting

5. Then installation starts.



6. Installation completed.



## Diagnostic and Troubleshooting

7. Click "Finish".



## Run SmartDiag 2.4

1. Click "Start" to run the diagnostic software SmartDiag.

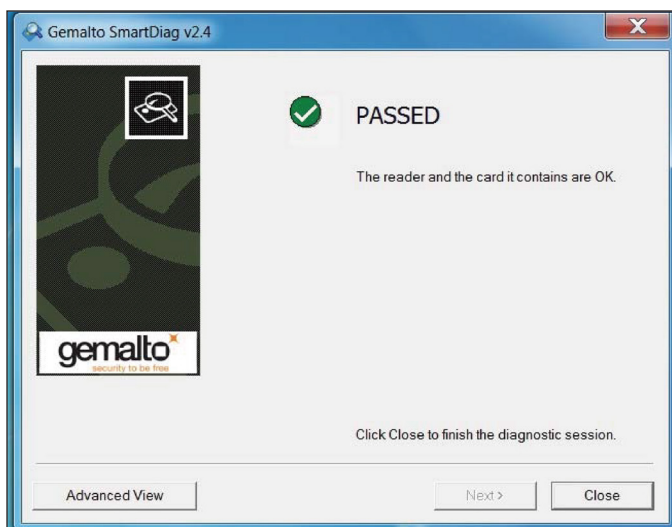


## Diagnostic and Troubleshooting

2. If no smart card is present, then the following screen will appear. Insert the smart card and click "Next".



3. The diagnostic session is complete. Click "Close" to close the diagnostic tool.

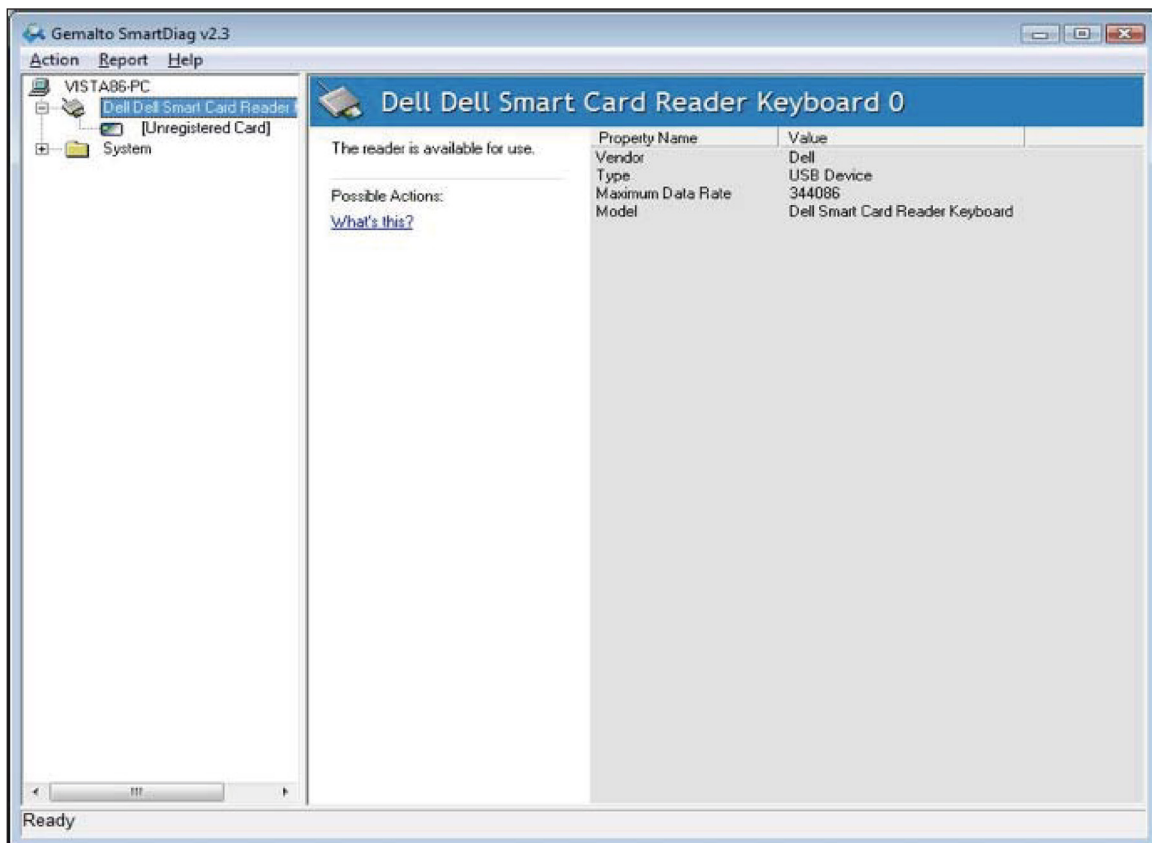


## Diagnostic and Troubleshooting

If the smart card reader and smart card have “Passed”, this means the software and hardware are both working properly.

“Failed” means the smart card driver or the hardware is not present or is not installed correctly. If this occurs, go to [www.dell.com/support](http://www.dell.com/support) to resolve this problem.

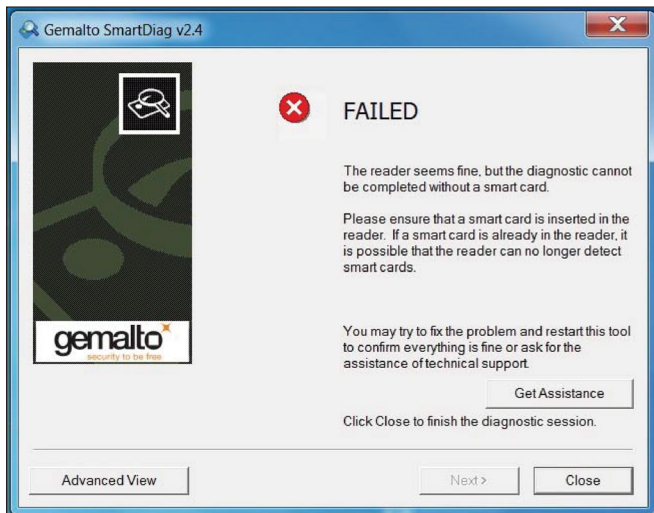
Smart Card with “Advanced view” is selected.



The above screen shows that the smart card is inserted and the system is able to read the smart card.

## Diagnostic and Troubleshooting

### Smart Card Removed



When the smart card is removed, the above screen will appear.

## Diagnostic and Troubleshooting

### Troubleshooting

#### **My smart card is not detected.**

- A. The driver may not be installed or you may not be using the correct driver. Reinstall the driver (see [Reinstall the Driver](#)).
- B. The reader could be contaminated. Remove and reinsert the smart card several times to dislodge any contaminants such as dust or foreign objects.
- C. The smart card chip is damaged. Obtain a new smart card.

#### **My smart card is detected, but does not work.**

- A. The smart card is not inserted correctly. The smart card must be inserted chip-end first. See diagram (see [Inserting a Smart Card](#)).
- B. The smart card contacts may be dirty and need to be cleaned. To clean the smart card contacts use a dry tissue.
- C. The smart card chip is damaged. Obtain a new smart card.

#### **I can see the Dell Pro Smartcard Keyboard in Windows device manager, but I cannot communicate with the smart card.**

If this occurs, it is possible that the Microsoft Smart Card Resource Manager did not start. Type "net start scardsvr.exe" in the run dialog box. Once the Smart Card Resource Manager has been successfully started, the smart cards should be accessible. On the next boot, the resource manager should auto start.

#### **The Dell Pro Smartcard Keyboard LED goes solid green for a few seconds when I insert a smart card and then goes off again.**

This is normal Operating System behavior. Please refer to Usage section of the User's Guide regarding LED indicators.

#### **The Dell Pro Smartcard Keyboard is not functioning under Windows NT4.0.**

Windows NT4.0 does not support USB interfaces (see [System Requirements](#)).

Specifications

General

Manufacturer	Liteon
Model number	KB813t
Connection type	USB
Supported operating systems	Microsoft Windows 2000, Microsoft Windows XP, Windows Vista, Windows 7, Windows 8, Windows 10, Microsoft Windows Server 2003, Windows Server 2008, Microsoft Server 2012, Linux Ubuntu, OpenSuse and RedHat, Windows 11
Keyboard interface	USB
Keyswitch feeling	Rubber dome tactile feedback
Rollover	Pseudo 6-key rollover capability

Electrical

Power requirements	4.75 to 5.25 Vdc (through PC USB port)
Power consumption	100mA max.
Switch actuation force	59 g ± 12g

Physical

Height	40 mm
Width	446.5 mm
Depth	151.5 mm
Weight	670 g
Cable length	1.8 m

Environmental

Operating temperature	-10°C ~ 50°C
Storage temperature	-40°C ~ 65°C
Operating humidity Storage	0 ~ 90% RH, non condensing
Humidity	0 ~ 90% RH, non condensing

Reliability

Card Reader Insertion Life	100K times
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## Regulatory

Regulatory Model: KB813t

## Regulatory Notices

For additional regulatory information, see the Regulatory Compliance home page on [www.dell.com](http://www.dell.com) at the following location: [www.dell.com/regulatory\\_compliance](http://www.dell.com/regulatory_compliance)

## Certifications

### **Microsoft WHQL Logo**

The Dell Pro Smartcard Keyboard/Reader has passed WHQL logo testing by Microsoft Windows Hardware Quality Labs.

WHQL Logo is a certification provided by Microsoft Windows Hardware Quality Labs. This logo ensures that the hardware and accompanying software for the Dell Pro Smartcard Keyboard are compatible with Microsoft Operating Systems.

### **EMV Level 1 Compliance**

The Dell Pro Smartcard Keyboard is EMVco Level 1 version 4.3c compliant.

EMV certification ensures security for customer card payments by reducing fraudulent transactions on counterfeited or lost/stolen cards.

### **USB IF Compliance**

The Dell Pro Smartcard Keyboard is compliant with USB Logo Testing Requirements.

The compliance testing ensures the quality of products and compatibility with other USB peripherals.

### **FIPS 201 Certification**

The Dell Pro Smartcard Keyboard is FIPS201 compliant.

FIPS 201 is a United States Federal Government standard that specifies Personal Identity Verification (PIV) requirements for Federal employees and contractors. The certification makes the product meet the standard.

## Statutory Information

### Warranty

#### **Limited warranty and return policies**

Dell-branded products carry one year limited hardware warranty. If purchased together with Dell system, it will follow the system warranty.

#### **For U.S. customers:**

This purchase and your use of this product are subject to Dell's end user agreement, which you can find at [Dell.com/terms](https://www.dell.com/terms). This document contains a binding arbitration clause.

#### **For European, Middle Eastern and African customers:**

Dell-branded products that are sold and used are subject to applicable national consumer legal rights, the terms of any retailer sale agreement that you have entered into (which will apply between you and the retailer) and Dell's end user contract terms.

Dell may also provide an additional hardware warranty – full details of the Dell end user contract and warranty terms can be found by going to [Dell.com/terms](https://www.dell.com/terms), selecting your country from the list at the bottom of the "home" page and then clicking the "terms and conditions" link for the end user terms or the "support" link for the warranty terms.

#### **For non-U.S. customers:**

Dell-branded products that are sold and used are subject to applicable national consumer legal rights, the terms of any retailer sale agreement that you have entered into (which will apply between you and the retailer) and Dell's warranty terms. Dell may also provide an additional hardware warranty – full details of Dell's warranty terms can be found by going to [Dell.com/terms](https://www.dell.com/terms), selecting your country from the list at the bottom of the "home" page and then clicking the "terms and conditions" link or the "support" link for the warranty terms.