

# **KANGURU READER**

**USB 2.0 Card Reader**



## **Kanguru 52 in 1 Card Reader User's Guide**

## NOTICES AND INFORMATION

### **Please be aware of the following points before using your Kanguru 52 in 1 Internal Card Reader**

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### **Customer Service**

To obtain service or technical support for your system, please contact Kanguru Solutions Technical Support Department at 508-376-4245, or visit [www.Kanguru.com](http://www.Kanguru.com) for web support.

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## 1. Introduction

Thank you for purchasing your 52 in 1 Card Reader from Kanguru Solutions. The Kanguru Card Reader allows you to conveniently transfer data stored on portable media cards. The Kanguru Card Reader utilizes Compact Flash Cards, SmartMedia, MultiMedia Cards, Secure Digital, Sony Memory Stick, eXcellent Digital and USB2.0 connectivity. The card reader can be mounted in a 3.5" or 5.25" drive bay in your computer, or it can be used as an external card reader.

The Kanguru 52 in 1 Card Reader is a compact, lightweight, easy to install storage device that supports the following types of memory cards:

- SmartMedia™ Cards  
SM / SM ROM
- CompactFlash™ Cards  
CF I / CF II / Extreme CF / Extreme III CF / Ultra II CF / HS CF / XS-XS CF / CF Elite Pro / CF PRO
- MultiMedia™ Card  
MMC / RS MMC / RS MMC4.0 / DV-RS MMC
- Micro Drive™ Cards  
IBM MD / Hitachi MD / MagicStor
- Secured Digital™ Cards  
SD / miniSD / HS Mini SD / Extreme SD / Extreme III SD / Ultra II SD / SD-Ultra-X / Ultra speed SD / SD PRO / SD Elite Pro / HS SD
- Sony Memory Stick™ Cards  
MS / MS PRO / MS Duo / MS PRO Duo / MS MG / MS MG PRO / MS MG Duo / MS MG PRO Duo / Extreme MS PRO / Extreme III MS Pro / Ultra II MS PRO / HS MS MG PRO / HS MS MG PRO Duo / HS MS PRO / HS MS PRO Duo / MS Rom / MS Select
- eXellent Digital™ Cards
- T-Flash™ Cards

## 1.1 Specifications

- Supports Windows Win2000/ Me/XP/Vista/7
- Supports Mac OS v8.6 ~ 9.2 / Mac OS X
- Hi-Speed USB2.0 connection, backwards compatible with USB1.1
- Operating temperature: 5 ° - 40 °C
- Storage temperature: 0 ° - 50 °C
- Humidity: 10 ° - 95 ° (Non-Condensing)

### Key Features:

- √ Easy to install and use
- √ Plug & Play compatible
- √ Four slots for memory cards and one USB port
- √ All slots can be used simultaneously for data exchange
- √ Supports hot swapping between cards
- √ Supports copying between different media or cards
- √ Fits into all standard 3.5" or 5.25" drive bays for Desktop PCs
- √ Can be used externally or internally
- √ No additional power supply required, DC 3.3 volts supplied by USB port

## 1.2 System Requirements

- Hardware:
  - Notebook or desktop computer with two available USB or USB2.0 ports
  - Available 3.5" or 5.25" drive bay and an available PCI cover plate (for internal installation)
- Operation system:
  - Win/ME/2000/XP/Vista/7, Mac OS 8.6 + and Linux 2.4.1+

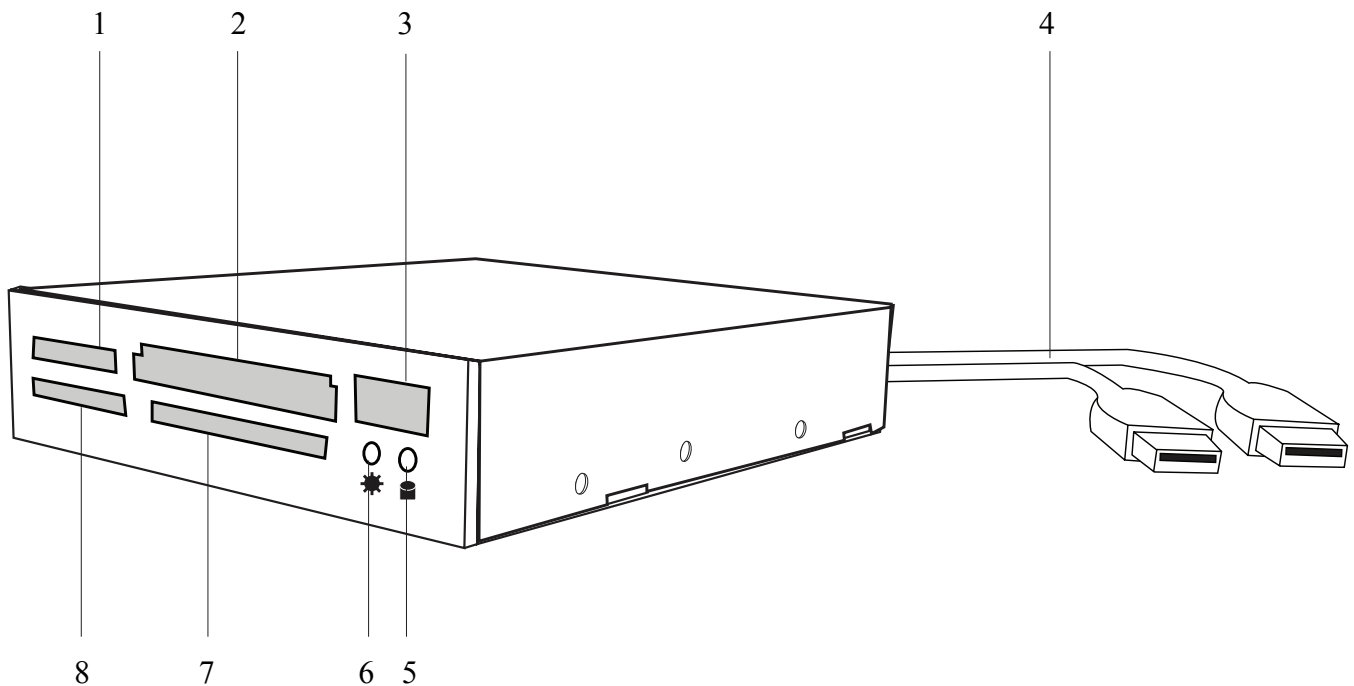
### 1.3 Package Contents

If any of the items listed are missing, please call Kanguru Solutions' Tech Support department at: (508) 376-4245, extension 2 and replacement parts will be shipped to you ASAP.

- Card Reader
- 5.25" drive bay Mounting Dock
- PCI Cover Plate
- Screw to attach PCI Cover Plate
- Driver CD with user guide
- Registration Form

### 1.4 Parts and Functions

- |                    |                            |
|--------------------|----------------------------|
| 1. MS Card Slot    | 5. Activity Indicator      |
| 2. CF/MD Card Slot | 6. Power Indicator         |
| 3. USB Slot        | 7. SMC/eXcellent Card Slot |
| 4. USB Cables      | 8. SD Card Slot            |



## 2. Hardware Setup

The Kanguru 52 in 1 Card Reader connects to your PC through 2 USB plugs and can be setup to be used as an internal or an external device.

### 2.1 External Setup

1. Plug the USB cables into any two available USB ports on your computer.
2. The power light indicator on the card reader should come on. You can access the card reader through “My Computer”, which should appear as four removable drives. Actual drive letters may vary depending on your computer.



**Note:** The supplied USB cable has 2 USB plugs. One plug transfers data and power to the memory card slots while the other transfers data and power to the USB slot. The plug that has the red tape labeled “Card Reader USB Port” wrapped around its cord is for connecting the USB slot on the Card Reader.

### 2.2 Internal Setup

**Note:** It is recommended that you print out this manual for reference if you are installing the card reader for internal use.

To mount the Kanguru 52 in 1 Card Reader to a 3.5” bay or a 5.25” bay.

1. Turn off your computer and unplug it. Remove the case of the computer, which is usually held on by screws in the back. You may need to refer to your PC’s manual for instructions on removing the case.

**Caution!** Do not touch any of the boards or other components inside computer without first grounding yourself by touching the computer’s metal frame or power supply. This discharges any static electricity that could damage your system. To minimize the risk of static electricity damage refrain from handling parts of your computer not used in this installation process.

2. Remove the panel that is covering the drive bay (please refer to your computer’s user manual for more information regarding opening the computer’s front cover). Insert the Card Reader into the bay and then fasten the unit to the drive bay using the screws provided.

**Note:** The card reader will fit in a 3.5” bay. In order to mount the card reader to a 5.25” bay, you will first have to fix the unit to the mounting bracket using the screws provided.

3. Remove a PCI cover plate from your computer. The PCI cover plates are usually located in the back of the computer. For more information on removing the PCI cover plate on your computer, please refer to your computer's user manual.
4. Run the USB cables through the opening where the PCI cover plate was.
5. Replace the PCI Cover Plate with the PCI Cover Plate provided, the USB cables should be going out through the slit cut out of the PCI Cover Plate. Fasten the PCI Cover Plate using the provided screw.
6. Connect the USB cable to any two external USB ports in the back of your PC.
7. Plug-in your computer's power supply and turn the computer on. The power light indicator on the card reader should come on. You can access the card reader through "My Computer", which should appear as four removable drives. Drive letters may vary depending on your system



**Note:** The supplied USB cable has 2 USB plugs. One plug transfers data and power to the memory card slots while the other transfers data power to the USB slot. The plug that has the red tape labeled "Card Reader USB Port" wrapped around its cord is for connecting the USB slot on the Card Reader.

### 3. Driver Installation

The Kanguru 52 in 1 Internal card reader does not require any extra drivers in order to work with the supported operating systems.



## 4. Using Your Kanguru Card Reader

### 4.1 Inserting a Memory Card

Correctly insert a memory card into its corresponding slot. Only one memory card can be inserted in a slot at one time.

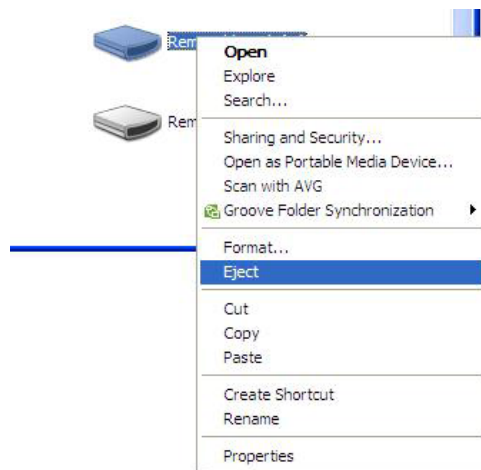
**Warning:** To prevent data loss, handle memory cards by the plastic housing. Avoid touching the metal contact pins. Inserting memory cards incorrectly can cause damage and data loss. Do not use excessive force when inserting a memory card.

### 4.2 Safely Removing a Memory Card

To prevent data loss, do not attempt to insert or remove a memory card or power down the computer while the Card Reader is transferring data. The LED indicator will blink when data is being transferred to and from the Card Reader.

To safely remove a memory card:

1. Make sure the LED indicator is not blinking.
2. In My Computer, right-click on the drive containing the memory card. A menu appears.
3. Select “Eject” from the menu.
4. Remove the memory card from the Card Reader.



### 4.3 Safely Disconnecting the Card Reader

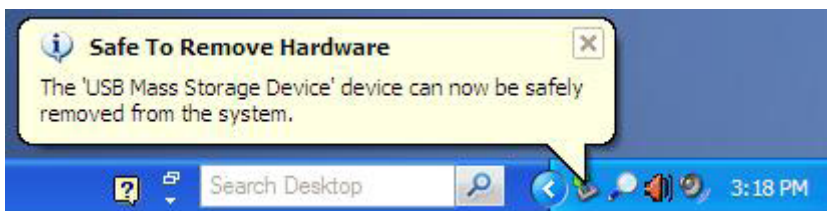
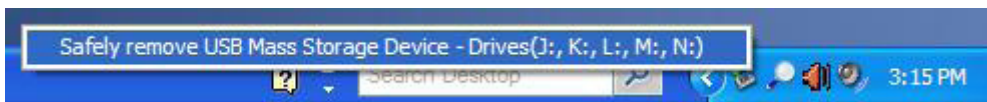
To prevent data loss, do not attempt to disconnect the Card Reader while it is transferring data. The LED indicator will blink when data is being transferred to and from the Card Reader.

To safely disconnect the Card Reader from the computer:

1. Make sure the LED indicator is not blinking.
2. Left-click on the “Safely Remove Hardware” icon in the task bar.



3. A menu appears listing all the removable hardware connected to your computer.
4. Select “Safely Remove USB Mass Storage Device”.
5. Once the “Safe to Remove Hardware” balloon appears, you can disconnect the Card Reader from the computer.



## **WARRANTY**

This product carries a 90-day warranty from the date of purchase. Any claims for loss or damage must be made to carrier directly. Claims for shipping errors should be reported to Kanguru Solutions within three (3) working days of receipt of merchandise.

## **TECH SUPPORT**

If you experience any problems installing your Kanguru product or have any technical questions regarding any of our products, please call our tech support department. Our tech support is free and available Monday thru Friday, 9am to 5pm EST.

Call 1-508-376-4245

Or visit our website at [www.Kanguru.com](http://www.Kanguru.com)



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