

FLASHTRUST™



Kanguru FlashTrust™ User Manual

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For the latest support and drivers, visit: www.kanguru.com.

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Introduction

The Kanguru FlashTrust™ is the world's first unencrypted flash drive with trusted firmware technology, designed to guard against the risks of malicious firmware-based attacks. Powered by RSA-2048 bit digitally signed and secured firmware, it provides consumers and organizations with the same level of protection typically reserved for encrypted, enterprise-grade flash drives—now available to unencrypted USB device users.

Perfect for organizations that may not require full hardware encryption but still want strong safeguards against “badUSB” and malware threats, the Kanguru FlashTrust™ delivers both security and convenience. Alongside its SuperSpeed USB 3.0 performance, it features a built-in physical write-protect switch for unmatched data protection. Switch to “read-only” mode to ensure your files cannot be overwritten or compromised by viruses or malware. Flip it back, and you regain full access to edit and update files as with any standard flash drive.

Box Contents

1 x Kanguru FlashTrust™ USB 3.0 Flash Drive
1 x Warranty Registration Card

Main Features

- **Digitally-Signed Secure Firmware (RSA-2048 Bit)**
- **Rugged and lightweight design for portability**
- **Physical Write-Protect (Read-Only) On and Off toggle switch**
- **Plug-and-play on Windows, macOS, Linux, and ChromeOS**
- **USB 3.2 Gen 1 SuperSpeed (backwards compatible with USB 2.0)**
- **ExFAT file system**
- **Solid State Flash memory with 10+ year data retention (typical)**
- **Durable and shock-resistant**

1. How to use the FlashTrust on Windows, macOS, and Linux

Getting Started:

1. Start up your computer and boot into Windows, macOS, or Linux.
2. Plug the Kanguru FlashTrust into an available USB port.
3. Your operating system will automatically recognize the drive.

Windows: The system may briefly install drivers the first time you use the device. Once installed, the drive will appear in File Explorer under this PC as a removable storage device.

macOS: The drive will mount automatically and appear on your desktop and in Finder under Locations.

Linux: Most modern distributions will detect the drive automatically, and it will appear in your file manager under Devices. If not, it may need to be mounted manually.

Once the drive appears, you can begin transferring, saving, or opening files as with any standard storage device.

To safely remove: Use the Safely Remove Hardware icon before unplugging.

2. How to set the FlashTrust as Read-Only

The Kanguru FlashTrust features a built-in physical write-protect (Read-Only) toggle switch located on the side of the device that provides an extra layer of security by allowing users to easily toggle between Read-Only and Read/Write modes. This simple yet powerful function safeguards data from accidental deletion, modification and malware while ensuring maximum flexibility.

How to set the Kanguru FlashTrust as Read-Only:

1. Locate the toggle switch on the side of the device.
2. The **Read/Write** mode is with the toggle switch in the '**DOWN**' position indicated by an unlocked padlock (🔓).
3. To set the Kanguru FlashTrust as **Read-Only** flip the toggle switch to the '**UP**' position.

3. Formatting FlashTrust for Windows OS

The Kanguru FlashTrust is preformatted with exFAT file system. exFAT is compatible with both Windows and macOS. The drive can also support NTFS formatting.

Warning! Formatting will erase all data stored on the drive! Be sure to back up any important files before formatting.

To format the drive:

1. Click on This PC
2. Right-Click on the Drive you want to format
3. Choose Format from the menu
4. Choose the file system you want to format it with
5. Enter a Volume Label Name (optional)
6. Click Start

4. Formatting FlashTrust for macOS

The Kanguru FlashTrust is preformatted with exFAT file system. exFAT is compatible with both Windows and macOS. The drive can also support NTFS formatting.

Warning! Formatting will erase all data stored on the drive! Be sure to back up any important files before formatting.

To format the drive:

1. Open Disk Utility
2. In the sidebar, select [Name of the drive] from the list of drives and volumes.
3. Click Erase in the toolbar.
4. Enter a name for the device in the Name field.
5. From the Format dropdown, select the desired file system (e.g., ExFAT, FAT32, or Mac OS Extended (Journaled)).
6. From the Scheme dropdown, select GUID Partition Map (this is typically the default for macOS).
7. Click Erase to begin the formatting process.

5. Formatting FlashTrust for Linux OS

Warning! Formatting will erase all data stored on the drive! Be sure to back up any important files before formatting.

To format the Kanguru FlashTrust on Linux, please follow the below steps.

1. Open the Disks utility
2. Select [Name of the drive] from the list of devices in the left sidebar.
3. Click the gear icon (settings) and choose Format Partition.
4. Enter a Volume Name and select the desired file system type (e.g., FAT32, ExFAT, or Ext4).
5. Click Format to begin the process.
6. Once formatting is complete, click the Play button (mount icon) to mount the device.
7. A disk icon will appear on the desktop or in the file manager. Click the icon to access the drive.

6. Safely ejecting the FlashTrust

Before attempting to remove the Kanguru FlashTrust from your computer, make sure that no data is being transferred to or from the device and that no programs are accessing data on the device. The easiest way to determine that no data is being transferred to or from the device is to check that the RED LED indicator on the end of the Kanguru FlashTrust is not blinking.

Be sure to follow these safe removal procedures. Failure to do so may result in data corruption.

1. Click on the Safely Remove Hardware icon in the taskbar.
2. Select the Kanguru FlashTrust from the popup menu.
3. A message will appear informing you that it is safe to remove the device.

If you receive a message that the device cannot be removed, close any programs or windows that may be accessing the device and then try to safely remove it again. Make sure that your device is safely removed from your computer system before disconnecting it. Be sure to follow safe removal procedures to avoid losing data or crashing your operating system.

7. Cleaning and Maintenance

- This drive is an electronic device. It needs careful handling and use.
- Keep the drive free from dust and other contaminants.
- Keep liquid and moisture away from the drive.
- Clean the exterior by wiping it with a soft dry cloth. Cleaning agents can damage the surface of your drive.
- Do not attempt to open the drive or repair it yourself. There are no user-serviceable parts inside. Opening the device may expose you to dangerous voltage and will void the warranty.

8. Technical 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

9. Warranty and RMA information

Kanguru Solutions guarantees that every Kanguru FlashTrust will be free from defects in workmanship and materials for 3 years from the date of purchase. This warranty does not apply if, in the judgment of Kanguru Solutions, the product fails due to damage from handling, accident, abuse, misuse, or if it has been used in a manner not conforming to the product's instructions, has been modified in any way, or the warranty labels have been removed. If the product proves defective during this warranty period, call Kanguru Solutions Technical Support in order to obtain a Return Material Authorization required for service. When returning a product, mark the RMA number clearly on the outside of the package, and include a copy of your original proof of purchase. In no event shall Kanguru Solutions' liability exceed the price paid for the product from direct, indirect, special, incidental, or consequential software, or its documentation. Kanguru Solutions offers no refunds for its products after 30 days of purchase. Kanguru Solutions makes no warranty or representation, expressed, implied, or statutory, with respect to its products or the contents or use of this documentation and all accompanying software, and specifically disclaims its quality, performance, merchantability, or fitness for any particular purpose. Kanguru Solutions reserves the right to revise or update its products, software, or documentation without obligation to notify any individual or entity.

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