

Kingston IKVP50/16GB

Kingston IronKey Vault Privacy 50 Encrypted USB Drive User Manual

Model: IKVP50/16GB

1. INTRODUCTION

This manual provides essential instructions for the setup, operation, maintenance, and troubleshooting of your Kingston IronKey Vault Privacy 50 (VP50) 16GB Encrypted USB-A Drive. The VP50 series is designed to protect sensitive data with advanced hardware encryption and robust security features, ensuring your information remains confidential and secure.

2. PRODUCT OVERVIEW

The Kingston IronKey Vault Privacy 50 is a premium USB drive offering business-grade security. It features FIPS 197 certified AES 256-bit hardware encryption in XTS mode, providing comprehensive data protection. Key features include:

- FIPS 197 Certified with XTS-AES 256-bit Encryption
- Protection against Brute Force and BadUSB Attacks
- Multi-Password Option with Complex and Passphrase modes
- Dual Read-Only (Write-Protect) Settings
- High-speed data transfer: Up to 250MB/s read, 180MB/s write

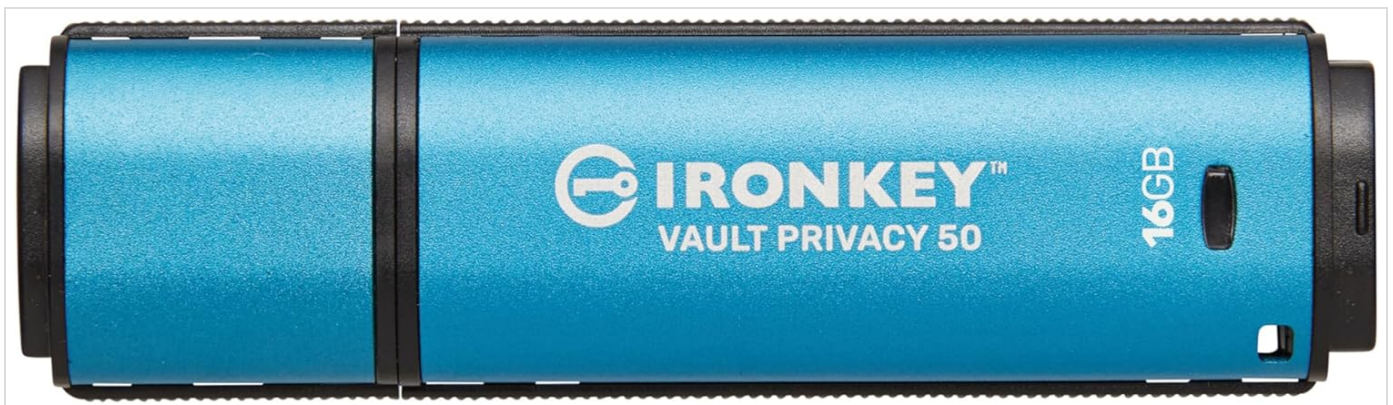


Image 2.1: Top view of the Kingston IronKey Vault Privacy 50 USB drive.



Image 2.2: Angled view of the Kingston IronKey Vault Privacy 50 USB drive, showing its compact design.

3. SETUP INSTRUCTIONS

Follow these steps for initial setup of your IronKey Vault Privacy 50 drive:

1. **Connect the Drive:** Insert the IronKey VP50 drive into an available USB-A port on your computer.
2. **Software Initialization:** The drive will typically auto-run its initialization software. If it does not, navigate to the drive in 'My Computer' or 'This PC' and run the executable file (e.g., 'IronKey.exe' or 'Launcher.exe').
3. **Create Passwords:** Follow the on-screen prompts to set up your Administrator and User passwords. It is highly recommended to create both for full functionality and recovery options. Choose strong, unique passwords or passphrases.
4. **Complete Setup:** Once passwords are set, the drive will format and prepare itself for use. This process may take a few moments.

Important: Carefully read all on-screen instructions during the setup process. Losing your Administrator password without a recovery option may result in permanent data loss.



Image 3.1: Initial setup screen for the IronKey Vault Privacy 50, prompting for password creation.

4. OPERATING INSTRUCTIONS

To use your IronKey Vault Privacy 50 drive after initial setup:

1. **Unlock the Device:** Insert the drive into a USB-A port. The IronKey application will launch, prompting you for your User or Administrator password. Enter the correct password to unlock the secure volume.
2. **Access Data:** Once unlocked, the secure volume will appear as a removable drive in your computer's file explorer. You can now drag and drop files, create folders, and manage your data as you would with any other storage device.
3. **Using Read-Only Mode:** The VP50 offers dual Read-Only settings. You can activate a session-based Read-Only mode from the IronKey application interface before unlocking, or configure a permanent Read-Only mode via the Administrator settings. This prevents data modification or malware infection when connecting to untrusted systems.
4. **Safely Eject:** Always safely eject the IronKey drive before physically removing it from your computer. Use the 'Safely Remove Hardware' option in your operating system or the 'Lock' option within the IronKey application. This ensures all data is properly written and prevents corruption.

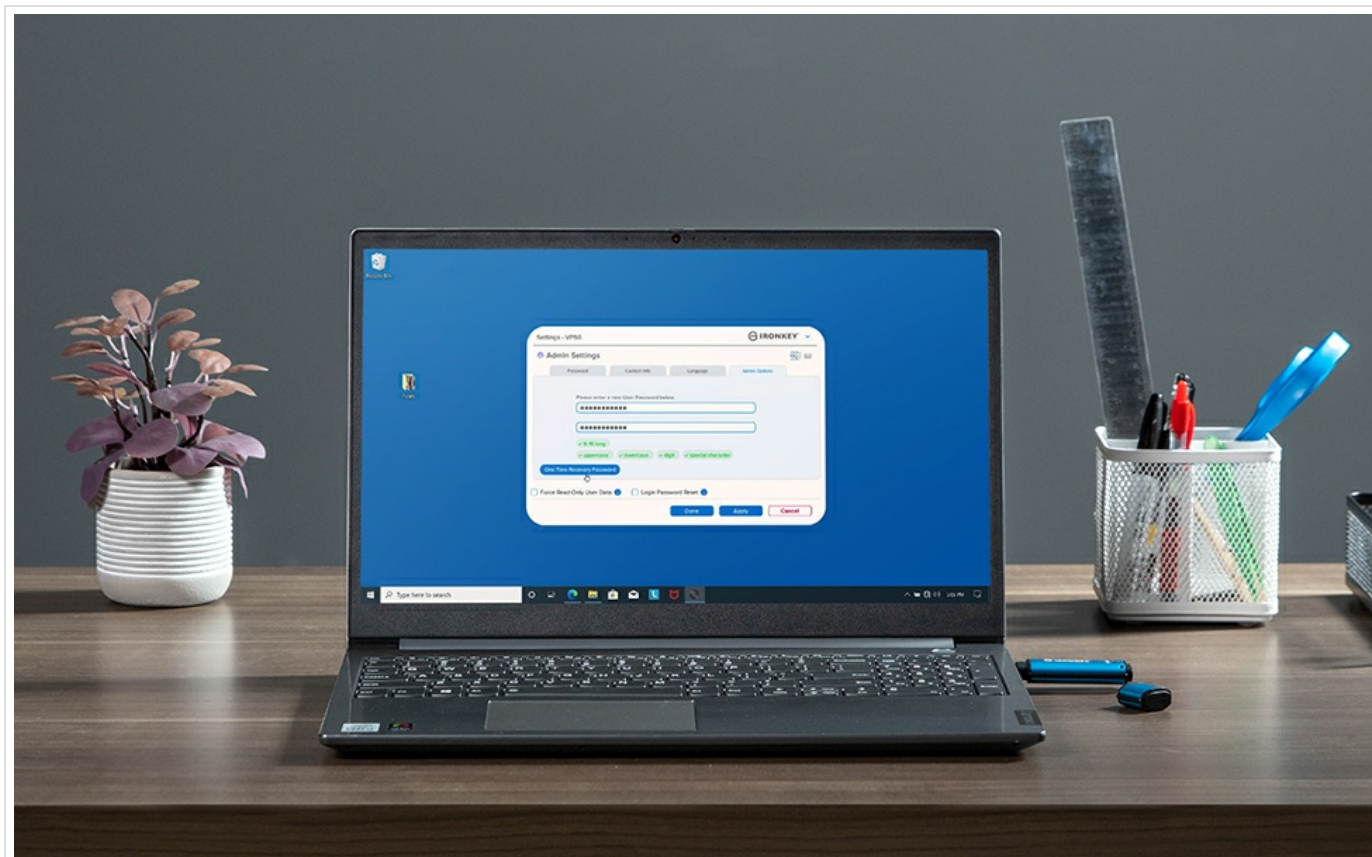


Image 4.1: The IronKey Vault Privacy 50 connected to a laptop, illustrating data access.



Image 4.2: A prompt on the computer screen indicating the activation of Read-Only mode for the IronKey drive.

5. SECURITY FEATURES

The IronKey Vault Privacy 50 incorporates several advanced security measures:

- **FIPS 197 Certified AES 256-bit Encryption:** All data stored on the drive is encrypted using hardware-based AES 256-bit encryption in XTS mode, certified to FIPS 197 standards. This ensures that data is protected at rest and cannot be accessed without the correct password.
- **BadUSB Attack Protection:** The drive features digitally-signed firmware, which safeguards against BadUSB attacks. This prevents malicious firmware from being loaded onto the device, protecting against unauthorized access and data manipulation.
- **Brute Force Attack Protection:** The VP50 is designed to thwart brute force password attempts. After a configurable number of consecutive incorrect password entries, the drive will lock down or cryptographically erase its contents, preventing unauthorized access.
- **Multi-Password Options:** Users can choose between Complex and Passphrase modes for their passwords, offering flexibility while maintaining high security standards. The Administrator can also set a one-time recovery password.
- **Dual Read-Only Settings:** This feature allows users to set the drive to read-only mode, preventing any data from being written to it. This is crucial when connecting to potentially untrusted computers to avoid malware infection or accidental data modification.

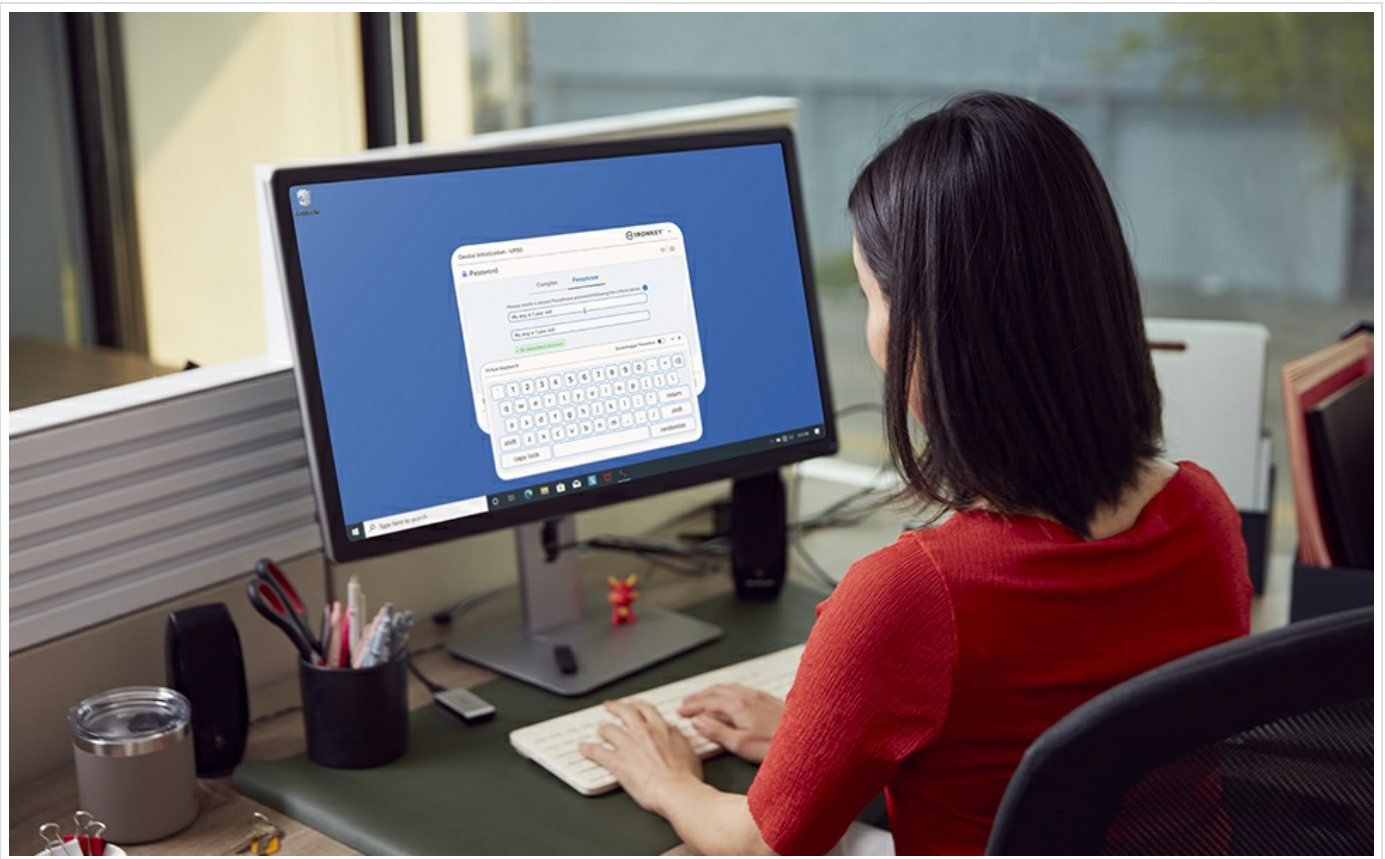


Image 5.1: A digital padlock graphic symbolizing the robust security features of the IronKey drive.

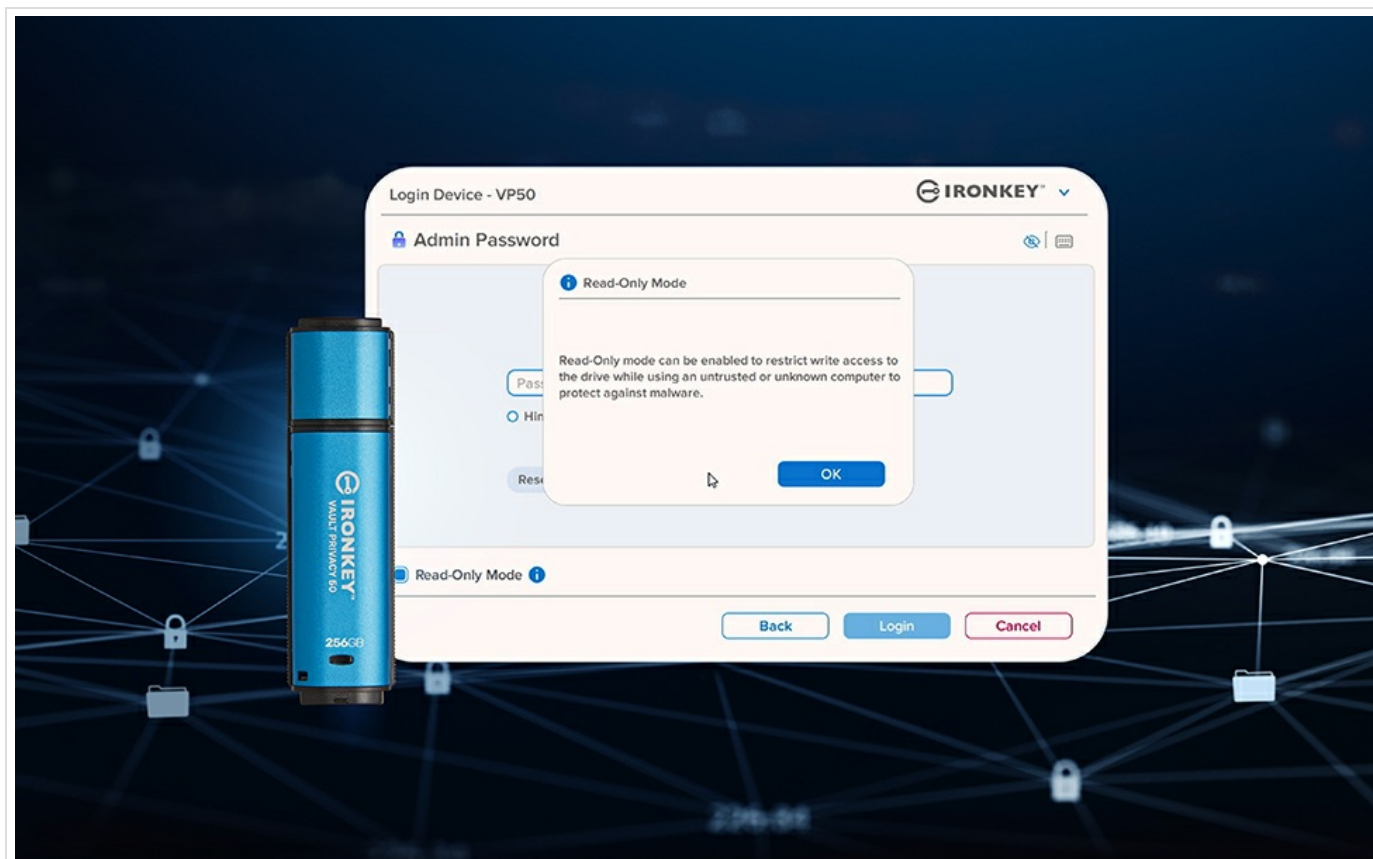


Image 5.2: A user entering a password on a desktop computer to access the secure drive.

6. MAINTENANCE

To ensure the longevity and optimal performance of your IronKey Vault Privacy 50 drive:

- **Regular Data Backup:** While the IronKey provides robust security, it is always recommended to maintain backups of critical data on other secure storage solutions.
- **Physical Care:** Handle the drive with care. Avoid exposing it to extreme temperatures, moisture, or physical impact. Keep the USB connector clean and free from debris.
- **Software Updates:** Periodically check the official Kingston website for any available firmware or software updates for your IronKey VP50 drive. Updates may include security enhancements or performance improvements.

7. TROUBLESHOOTING

If you encounter issues with your IronKey Vault Privacy 50, consider the following:

- **Drive Not Recognized:** Ensure the drive is fully inserted into a functional USB port. Try a different USB port or computer. Verify that your operating system's USB drivers are up to date.
- **Forgotten Password:** If you forget your User password, the Administrator password can be used to reset it. If both are forgotten and no recovery option was set, the drive's security features may lead to data loss after too many failed attempts. Refer to the full user guide on the Kingston website for detailed recovery procedures.
- **Performance Issues:** Ensure the drive is connected to a USB 3.0/3.1/3.2 port for optimal speed. Close unnecessary applications that might be consuming system resources.
- **Software Errors:** If the IronKey application displays errors, try restarting your computer and re-inserting the drive. Ensure no other security software is conflicting with the IronKey application.

8. SPECIFICATIONS

Feature	Detail
Model Name	IKVP50/16 GB
Item Model Number	IKVP50/16GB
Memory Storage Capacity	16 GB
Read Speed	250 Megabytes Per Second
Write Speed	180 MB per second
Hardware Interface	USB 3.2 Gen 1
Connectivity Technology	USB
Flash Memory Type	USB
Product Dimensions (LxWxH)	3.06 x 0.9 x 0.47 inches
Item Weight	0.705 ounces
UPC	740617329001
Special Feature	Encrypted

9. WARRANTY AND SUPPORT

Kingston is committed to providing reliable and high-quality products. For detailed warranty information, technical support, and additional resources, please visit the official Kingston website. You can find comprehensive FAQs, downloads, and contact information for customer service.

For the most up-to-date support and warranty details, please refer to [Kingston's Official Support Page](#).

Related Documents - IKVP50/16GB

	IronKey Locker Plus 50 User Manual - Secure USB 3.2 Gen 1 Flash Drive User manual for the Kingston IronKey Locker Plus 50 (LP50) secure USB 3.2 Gen 1 flash drive. Learn about features, setup, password protection, and troubleshooting.
	IronKey S1000B Secure USB 3.0 Flash Drive User Guide Comprehensive user guide for the Kingston IronKey S1000B Secure USB 3.0 Flash Drive, detailing setup, features like FIPS 140-2 certification and AES encryption, system compatibility, and usage instructions.
	Manual de Usuario Kingston DataTraveler Vault Privacy 3.0 Guía completa para el Kingston DataTraveler Vault Privacy 3.0 (DTVP 3.0). Aprenda a configurar, usar y solucionar problemas en Windows, macOS y Linux para su unidad USB segura.
	Kingston DataTraveler Vault Privacy 3.0 User Manual Comprehensive user manual for the Kingston DataTraveler Vault Privacy 3.0 USB flash drive, covering installation, initialization, usage, and troubleshooting for Windows, macOS, and Linux operating systems. Includes system requirements, security features, and command-line operations.
	Kingston DataTraveler Vault Privacy 3.0 User Manual: Secure USB Drive Setup and Usage Comprehensive user manual for the Kingston DataTraveler Vault Privacy 3.0, a DataLocker Managed Solution secure USB drive. Learn about system requirements, setup for Windows and Mac, password policies, and device usage.
	Kingston IronKey Keypad 200 Quick Start Guide Quick start guide for the Kingston IronKey Keypad 200 USB drive, covering PIN setup, first-time use, and unlocking procedures.



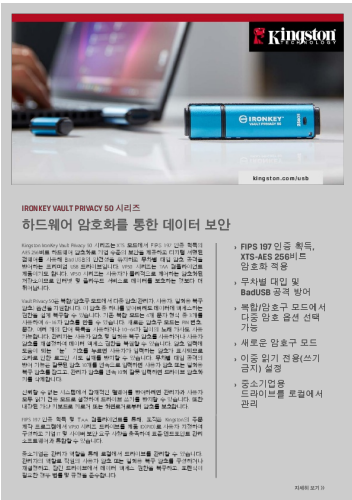
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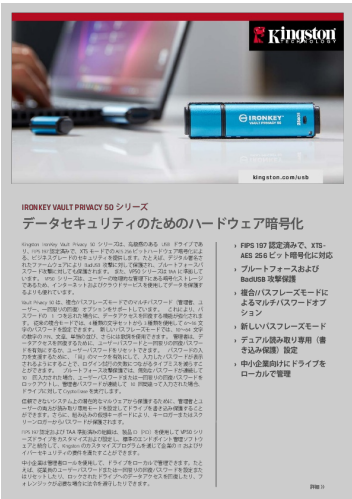


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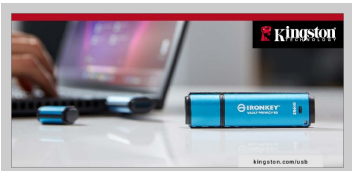


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IRONKEY VAULT PRIVACY 50

Аппаратное шифрование для безопасности данных

Kingston IronKey Vault Privacy 50 — это аппаратно-программное решение для защиты ваших данных. Оно использует аппаратное шифрование AES-256 для защиты ваших данных от кражи и утечки. Это устройство идеально подходит для хранения конфиденциальной информации, такой как финансовые отчеты, медицинские данные, юридические документы и т.д. Оно также поддерживает функцию резервного копирования и восстановления данных. Благодаря своей компактности и удобству использования, оно является идеальным решением для защиты ваших данных в любое время и в любом месте.

Настройка и использование устройства проста и интуитивно понятна. Вы можете использовать его для хранения и передачи файлов, а также для резервного копирования и восстановления данных. Благодаря своей надежности и безопасности, оно является идеальным решением для защиты ваших данных в любое время и в любом месте.

Для защиты от потери данных, устройство имеет функцию резервного копирования и восстановления данных. Это позволяет вам сохранить свои данные в безопасном месте, откуда вы сможете их восстановить в случае необходимости. Благодаря своей надежности и безопасности, оно является идеальным решением для защиты ваших данных в любое время и в любом месте.

Благодаря своей компактности и удобству использования, оно является идеальным решением для защиты ваших данных в любое время и в любом месте. Благодаря своей надежности и безопасности, оно является идеальным решением для защиты ваших данных в любое время и в любом месте.

- Сертификация FIPS 197 с 256-битным шифрованием XTS-AES
- Защита от потери информации при повреждении USB-носителя
- Опция с дополнительным паролем и расширением «Специальное» и «Парольная фраза»
- Новый режим «Парольная фраза»
- Двойной режим только для чтения (защита от записи)
- Полностью управляемое накопление для малого и среднего бизнеса

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IRONKEY VAULT PRIVACY 50 系列

硬體加密型的資安防護首選

Kingston IronKey Vault Privacy 50 系列是為保護您的數據而設計的。它採用硬體加密技術，可防止您的數據被竊取或洩露。該設備非常適合存儲敏感信息，例如財務報告、醫療數據、法律文件等。它還支持備份和恢復功能。由於其小巧便攜且易用，因此是隨時隨地保護您的數據的理想選擇。

設置和使用該設備非常简单且直观。您可以使用它來存儲和傳輸文件，以及備份和恢復數據。由於其可靠性和安全性，因此是隨時隨地保護您的數據的理想選擇。

為了防止數據丟失，該設備具有備份和恢復功能。這使您能夠將您的數據保存在安全的地方，以便在需要時恢復。由於其可靠性和安全性，因此是隨時隨地保護您的數據的理想選擇。

憑藉其小巧便攜且易用，因此是隨時隨地保護您的數據的理想選擇。憑藉其可靠性和安全性，因此是隨時隨地保護您的數據的理想選擇。

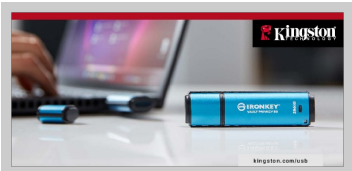
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- 萬一 USB 裝置損壞，支援不同種類的設定多重復原功能
- 新增密碼保護
- 智慧辨識（輸入圖）設定
- 適合中小企業進行本地管理部署

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IRONKEY VAULT PRIVACY 50 SERIES

Hardware-encrypted for Data Security

Kingston IronKey Vault Privacy 50 series is a hardware solution for protecting your data. It uses hardware encryption to prevent your data from being stolen or leaked. This device is ideal for storing sensitive information, such as financial reports, medical data, legal documents, and more. It also supports backup and recovery features. Due to its compact size and ease of use, it is the perfect choice for protecting your data anytime, anywhere.

Setting up and using the device is simple and intuitive. You can use it to store and transfer files, as well as back up and restore data. Due to its reliability and security, it is the perfect choice for protecting your data anytime, anywhere.

To prevent potential damage to sensitive data, the device has a backup and recovery feature. This allows you to save your data in a secure location, where you can restore it if needed. Due to its reliability and security, it is the perfect choice for protecting your data anytime, anywhere.

With its compact size and ease of use, it is the perfect choice for protecting your data anytime, anywhere. With its reliability and security, it is the perfect choice for protecting your data anytime, anywhere.

- FIPS 197 Certified with XTS-AES 256-bit Encryption
- Brute Force and BadUSB Attack Protection
- Multi-Password Option with Complex/Passphrase modes
- New Respin/Phrase Mode
- Dual Read-Only (Write-Protect) Settings
- Locally Manage Drives for Small and Medium Businesses

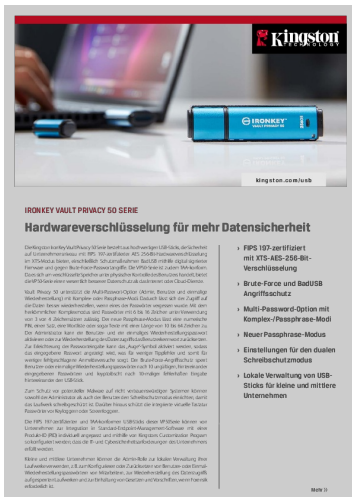
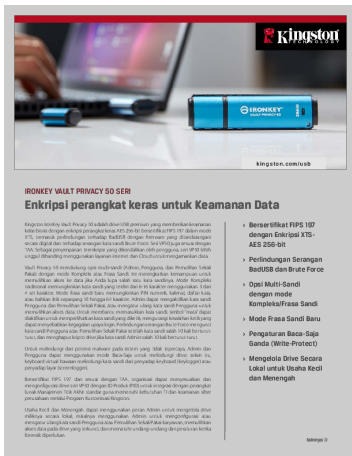
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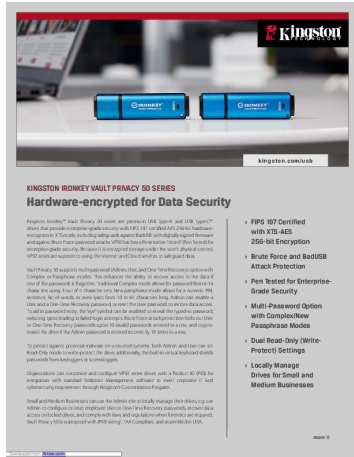
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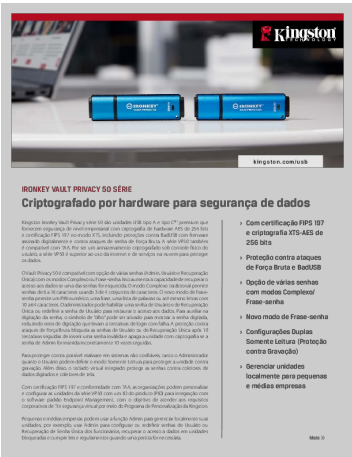
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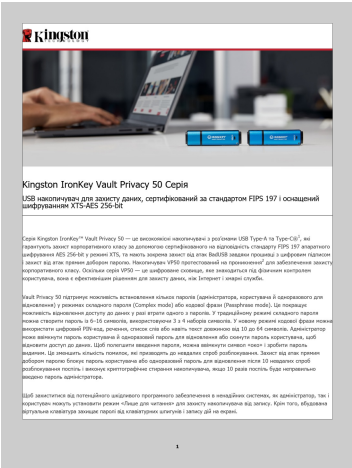
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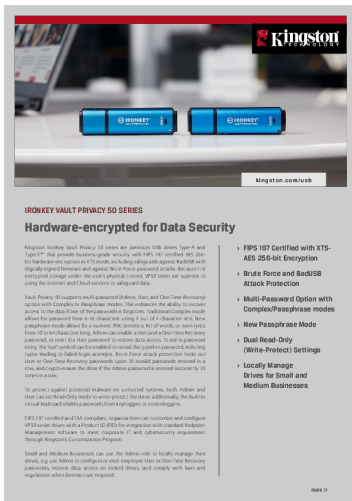
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Накопичувач Kingston IronKey Vault Privacy Series USB 3 2 Gen 1 8 ГБ 512 Серія 50 — це покращені

накопичувачі які завдяки апаратному шифруванню AES 256 bit у режимі XTS сертифікованому за стандартом FIPS 197 забезпечують захист бізнесового рівня зокрема від BadUSB і зламу шляхом перебирання паролів Для додаткового захисту його можна встановити в режим «Лише для читання» а вбудована віртуальна клавіатура захищає паролі клавіатурних шпигунів запису дій на екрані usb накопичувач із шифруванням надійний шифрування накопичувача захищений паролем ironkey type A C Technology Corporation Технічна документація Підтримка IKVP50 ua kingston datasheets |||

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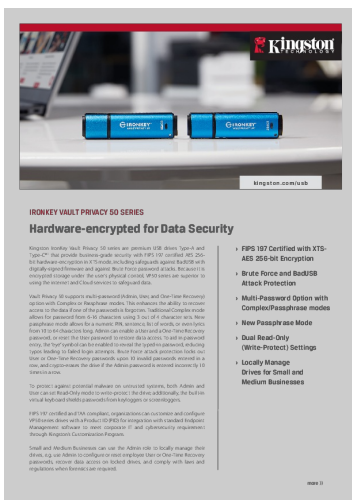




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kingston.com/usb IRONKEY VAULT PRIVACY 50 SERIES Hardware-encrypted for
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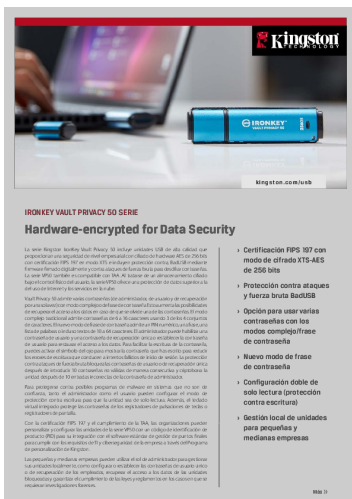
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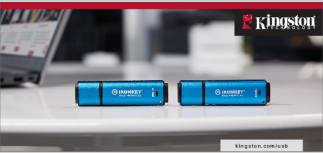


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Hoja de datos IronKey Vault Privacy 50 Unidad Flash USB cifrada Kingston Technology ikvp50 es v1
kingston.datasheets ||| ||| kingston.com/usb IRONKEY VAULT PRIVACY 50 SERIE Hardware-encrypted
for Data Security La serie Kingston IronKey Vault Privacy 50 incluye unidades USB de alta calidad que
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Kingston.com/us/b

KINGSTON IRONKEY VAULT PRIVACY 50 SERIES
Hardware-encrypted for Data Security

Hardware-encrypted for Data Security. The IronKey Vault Privacy 50 Series is a hardware-encrypted USB drive that provides secure storage for your data. It features a secure boot process that ensures the drive is always ready to use, and a secure erase function that allows you to securely delete your data. The drive is also compatible with Windows 11, 10, macOS, and Linux.

Key features include:

- **FIPS 197 Certified with AES-256-bit Encryption**
- **Brute Force and BadUSB Attack Protection**
- **Multi-Passphrase Option with Complex/Passphrase Modes**
- **New Passphrase Mode**
- **Dual Read-Only (Write-Protect) Settings**
- **Locally Manage Drives for Small and Medium Businesses**

Small and Medium Businesses can use the IronKey Vault Privacy 50 Series to securely manage their data, as it offers a secure and reliable way to store and protect sensitive information. The drive is also compatible with Windows 11, 10, macOS, and Linux.

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kingston.com/usb KINGSTON IRONKEY VAULT PRIVACY 50 SERIES Hardware-

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Kingston.com/us/b

IRONKEY VAULT PRIVACY 50 SERIES
Hardware-encrypted for Data Security

Kingston IronKey Vault Privacy 50 Series is a hardware-encrypted USB drive that provides secure storage for your data. It features a secure boot process that ensures the drive is always ready to use, and a secure erase function that allows you to securely delete your data. The drive is also compatible with Windows 11, 10, macOS, and Linux.

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[pdf] Datasheet

mkd 450 1 ikvp50 en indd Kingston IronKey Vault Privacy 50 Series Data SheetKingston USB 3 2 Flash

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kingston.com/usb IRONKEY VAULT PRIVACY 50 SERIES Hardware-encrypted for

Data Security Kingston Iro ... pport Compatible with Windows 11, 10, macOS 10.15.x

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Kingston.com/us/b

IRONKEY VAULT PRIVACY 50 SERIE
Hardwareverschlüsselung für mehr Datensicherheit

Die Kingston IronKey Vault Privacy 50 Serie ist ein hardware-verschlüsselter USB-Stick, der Ihre Daten sicher speichert und schützt. Er verfügt über eine sichere Boot-Funktion, die sicherstellt, dass der Stick immer bereit ist zu verwenden, und eine sichere Löschroutine, die es Ihnen ermöglicht, Ihre Daten sicher zu löschen. Der Stick ist kompatibel mit Windows 11, 10, macOS und Linux.

Wichtige Funktionen umfassen:

- **FIPS 197-zertifiziert mit AES-256-Bit-Verschlüsselung**
- **Brute-Force- und BadUSB-Angriffsschutz**
- **Multi-Passphrase-Option mit Komplex-/Passphrase-Modus**
- **Neuer Passphrase-Modus**
- **Einstellungen für den dualen Schreibschutzmodus**
- **Lokale Verwaltung von USB-Sticks für kleine und mittlere Unternehmen**

Die IronKey Vault Privacy 50 Serie ist eine ideale Lösung für kleine und mittlere Unternehmen, die ihre Daten sicher speichern und schützen möchten. Der Stick ist einfach zu bedienen und bietet eine hohe Sicherheit für Ihre Daten.

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Technisches Datenblatt de KINGSTON TECHNOLOGY IronKey VP50 16 GB USB 3 2 Typ C

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kingston.com/usb IRONKEY VAULT PRIVACY 50 SERIE Hardwareverschlüsselung fr

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Kingston IronKey Vault Privacy Series USB 3 2 Gen 1 Drive 8GB 512GB 50 series are enhanced drives that provide business grade security with FIPS 197 certified AES 256 bit hardware encryption in XTS mode including safeguards against Brute Force and BadUSB attacks It can be set to Read Only for

additional protection the built virtual keyboard shields passwords from keyloggers or screenloggers

Encrypted drive Type C TAA compliant Ironkey IKVP50 pen tested keypad passphrase Technology

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Certified XTS-AES 256-bit Encrypted USB Drive for Data Protection Kingston IronKey™ Vault Privacy 50

series are premium USB Type-A and USB Type-C1 drives that provide enterprise-grade secur ||| Kingston

IronKey Vault Privacy 50 Series FIPS 197 Certified XTS-AES 256-bit Encrypted USB Drive for Data

Protection Kingston IronKey™ Vault Privacy 50 series are premium USB Type-A and USB Type-C1

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Kingston IronKey Vault Privacy 50 Series FIPS 197 Certified XTS-AES 256-bit

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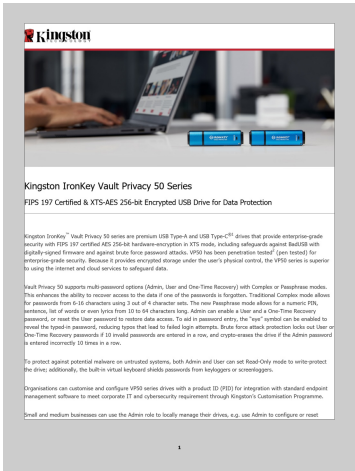
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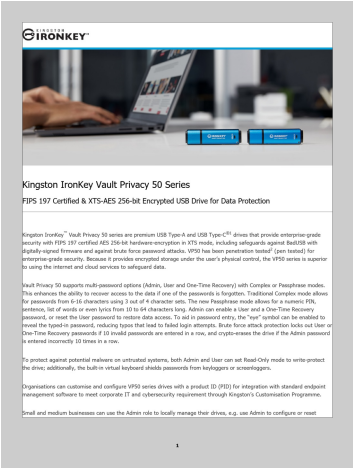
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kingston.com/usb IRONKEY VAULT PRIVACY 50 GAMME Chiffrement matériel pour
la sécurité des données La g ... , 10, 8.1, macOS v. 10.14.x - 12.x.x RÉFÉRENCES
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Kingston IronKey Vault Privacy Series USB 3 2 Gen 1 Drive 8GB 512GB 50 series are enhanced drives that provide business grade security with FIPS 197 certified AES 256 bit hardware encryption in XTS mode including safeguards against Brute Force and BadUSB attacks It can be set to Read Only for additional protection the built virtual keyboard shields passwords from keyloggers or screenloggers

Encrypted drive Type C TAA compliant Ironkey IKVP50 pen tested keypad passphrase Technology Corporation ViewKingston 16GB 50C 197mmo 107714081 1730974050 8858 2354539objects icecat biz objects mmo 2354539 ViewViewKingston 256GB 197Kingston 107132629 1730974063 5874

2086172mmo 2086172objects ||| ||| Kingston IronKey Vault Privacy 50 Series FIPS 197 Certified XTS-AES 256-bit Encrypted USB Drive for Data Protection Kingston IronKey™ Vault Privacy 50 series are premium USB Type-A and USB Type-C1 drives that provide enterprise-grade secur Kingston IronKey Vault Privacy 50 Series FIPS 197 Certified XTS-AES 256-bit Encrypted USB Drive fo ... warranty, free technical support Windows 11, 10, macOS 12.x 15.x 3 Part Numbers USB-A IKVP50/8GB **IKVP50/16GB** IKVP50/32GB IKVP50/64GB IKVP50/128GB IKVP50/256GB IKVP50/512GB USB-C IKVP50C/8GB IKVP50C...

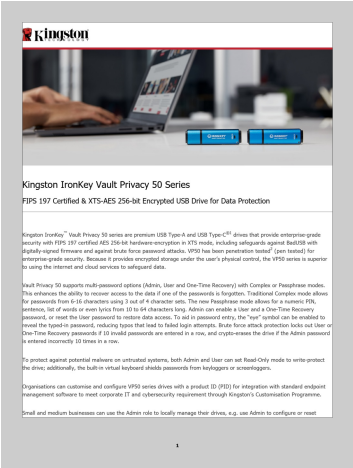
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Scheda tecnica it KINGSTON TECHNOLOGY IronKey VP50 128 GB USB 3 0 Type C Interdiscout 993625e6eec3a13d4dd9920c36273a7d0007 storage googleapis static shops products document ||| kingston.com/usb IRONKEY VAULT PRIVACY 50 SERIE Con crittografia hardware per la sicurezza dei dati ... ico gratuito Compatibile con Windows 11, 10, macOS 10.15.x 13.x NUMERI DI PARTE Type-A IKVP50/8GB **IKVP50/16GB** IKVP50/32GB IKVP50/64GB IKVP50/128GB IKVP50/256GB Type-C IKVP50C/8GB IKVP50C/16GB IKVP5...

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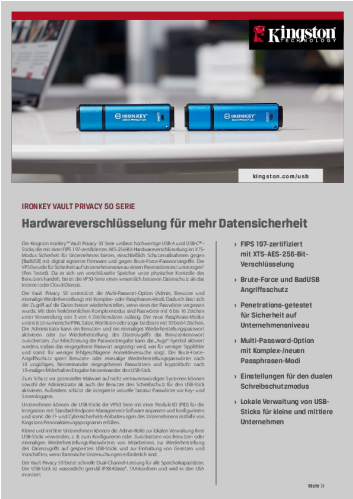


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Kingston IronKey Vault Privacy Series USB 3 2 Gen 1 Drive 8GB 512GB 50 series are enhanced drives that provide business grade security with FIPS 197 certified AES 256 bit hardware encryption in XTS mode including safeguards against Brute Force and BadUSB attacks It can be set to Read Only for additional protection the built virtual keyboard shields passwords from keyloggers or screenloggers Encrypted drive Type C TAA compliant Ironkey IKVP50 pen tested keypad passphrase Technology Corporation OPEN Spec sheet new window Kingston FLASH MicroAid Ireland mmo 99941908 1706008514 4294 2490793 objects icecat biz |||

Kingston IronKey Vault Privacy 50 Series FIPS 197 Certified XTS-AES 256-bit Encrypted USB Drive fo ... warranty, free technical support Windows 11, 10, macOS 11.x 14.x 3 Part Numbers USB-A IKVP50/8GB **IKVP50/16GB** IKVP50/32GB IKVP50/64GB IKVP50/128GB IKVP50/256GB IKVP50/512GB USB-C IKVP50C/8GB IKVP50C...

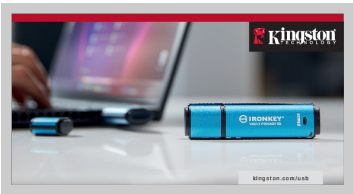
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Kingston.com/de

IRONKEY VAULT PRIVACY 50 SERIE

Hardwareverschlüsselung für mehr Datensicherheit

Die Kingston IronKey Vault Privacy 50 Serie bietet ausbaufähige USB-A und USB-C-Sticks, die sicherheit auf Unternehmensniveau mit FIPS 197-zertifizierter AES-256-Bit-Verschlüsselung und XTS-Modus arbeiten. einschließlich Schutzmaßnahmen gegen Brute Force und BadUSB-Angriffe. Die FIPS 197-zertifizierte AES-256-Bit-Verschlüsselung schützt die Daten vor unbefugtem Zugriff, während die XTS-Modus-Verschlüsselung die Daten vor Manipulation schützt. Die Vault Privacy 50 Serie ist mit der Multi-Passwort-Option (Admin, Benutzer und einmalige Wiederherstellung) und der Komplex-Passphrase-Option (Admin, Benutzer und einmalige Wiederherstellung) ausgestattet. Die Vault Privacy 50 Serie ist mit der Multi-Passwort-Option (Admin, Benutzer und einmalige Wiederherstellung) und der Komplex-Passphrase-Option (Admin, Benutzer und einmalige Wiederherstellung) ausgestattet. Die Vault Privacy 50 Serie ist mit der Multi-Passwort-Option (Admin, Benutzer und einmalige Wiederherstellung) und der Komplex-Passphrase-Option (Admin, Benutzer und einmalige Wiederherstellung) ausgestattet.

- FIPS 197-zertifiziert mit XTS-AES-256-Bit-Verschlüsselung
- Brute-Force- und BadUSB-Angriffschutz
- Multi-Passwort-Option mit Komplex-Passphrase-Modus
- Einstellungen für den dualen Schreibschutz
- Lokale Verwaltung von USB-Sticks für kleine und mittlere Unternehmen

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mkd 450 ikvp50 de indd Produktdatenblatt Kingston IRONKEY VAULT PRIVACY 50 SERIE 256GB USB

Stick 3 2 Lesegeschwindigkeit 230 MB s FIPS 197 zertifiziert mit XTS AES 256 Bit Verschlüsselung

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Kingston IronKey Vault Privacy Baureihe USB 3 2 Gen 1 Stick 8GB 512GB Die 50 Serie besteht aus

verbesserten Sticks die Sicherheit auf Unternehmensniveau mit FIPS 197 zertifizierter AES 256 Bit

Hardwareverschlüsselung im XTS Modus bieten einschließlich Schutzmaßnahmen gegen Brute Force

und BadUSB Angriffe Er kann für zusätzlichen Schutz den Schreibschutzmodus eingestellt werden

integrierte virtuelle Tastatur schützt Passwörter vor Keyloggern oder Screenloggern Verschlüsselter

zertifiziert C TAA konform Ironkey IKVP50 penetrationsgetestet Passphrase Technology Corporation

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2086172mmo 2086172objects ||| ||| Kingston IronKey Vault Privacy 50 Serie FIPS 197-zertifizierter und

mit XTS-AES 256-Bit verschlüsselter USB-Stick für mehr Datenschutz Die Kingston IronKeyTM Vault

Privacy 50 Serie umfasst hochwertige USB-A und USB-C1-Sticks, die mit einer FI

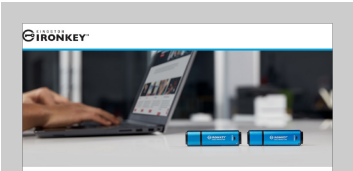
Kingston IronKey Vault Privacy 50 Serie FIPS 197-zertifizierter und mit XTS-AES

256-Bit verschlüsselt ... Jahre eingeschränkte Garantie, kostenloser technischer Support

Windows 11, 10, macOS 12.x 15.x 4 **IKVP50/16GB** IKVP50/32GB IKVP50/64GB

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Kingston IronKey Vault Privacy 50 Serie

FIPS 197-zertifiziert und mit XTS-AES 256-Bit verschlüsselter USB-Stick für mehr Datenschutz

Die Kingston IronKey™ Vault Privacy 50 Serie umfasst ausbaufähige USB-A und USB-C1-Sticks, die mit einer FIPS 197-zertifizierten AES-256-Bit-Hardwareverschlüsselung im XTS-Modus Sicherheit für Unternehmen bieten, einschließlich Schutzmaßnahmen gegen Brute-Force- und BadUSB-Angriffe. Die FIPS 197-zertifizierte AES-256-Bit-Verschlüsselung schützt die Daten vor unbefugtem Zugriff, während die XTS-Modus-Verschlüsselung die Daten vor Manipulation schützt. Die Vault Privacy 50 Serie ist mit der Multi-Passwort-Option (Admin, Benutzer und einmalige Wiederherstellung) und der Komplex-Passphrase-Option (Admin, Benutzer und einmalige Wiederherstellung) ausgestattet. Die Vault Privacy 50 Serie ist mit der Multi-Passwort-Option (Admin, Benutzer und einmalige Wiederherstellung) und der Komplex-Passphrase-Option (Admin, Benutzer und einmalige Wiederherstellung) ausgestattet. Die Vault Privacy 50 Serie ist mit der Multi-Passwort-Option (Admin, Benutzer und einmalige Wiederherstellung) und der Komplex-Passphrase-Option (Admin, Benutzer und einmalige Wiederherstellung) ausgestattet.

Die Vault Privacy 50 unterstützt die Multi-Passwort-Option (Admin, Benutzer und einmalige Wiederherstellung) mit Komplex-Passphrase-Modus. Dadurch lässt sich der Zugriff auf die Daten besser einschränken, wenn eine der Passwörter vergessen wurde. Mit dem herkömmlichen Komplexmodus und Passwörtern mit 6 bis 16 Zeichen unter Verwendung von 2 von 4 Zeichentypen (Ziffern, Groß- und Kleinschreibung, Sonderzeichen und Symbole) ist die Sicherheit höher. Die neue Passphrase-Modus unterstützt erweiterte PINs, Satz, Wortlisten oder sogar Listen von 10 bis 94 Zeichen. Der Administrator kann ein Benutzer- und ein einmaliges Wiederherstellungspasswort aktivieren oder zur Wiederherstellung der Datenorgane die Benutzername festlegen. Zur Sicherung der Passwörter kann das „Auge“-Symbol aktiviert werden, sodass das eingegebene Passwort angezeigt wird, was für weniger Tippfehler und somit für weniger mögliche Angriffsversuche sorgt. Der Brute-Force-Angriffschutz sperrt Benutzer oder ermöglicht Wiederherstellungspasswörter nach 10 ungültigen, hintereinander eingegebenen Passwörtern und kryptobasiert nach 10-maligen fehlgeschlagenen Wiederherstellungsversuchen den USB-Stick.

Zum Schutz vor potenzieller Malware auf nicht vertrauenswürdigen Systemen können sowohl der Administrator als auch der Benutzer den Schreibschutz für den USB-Stick aktivieren. Außerdem schützt die integrierte virtuelle Tastatur Passwörter vor Key- und Screenloggern.



IRONKEY VAULT PRIVACY 50 SERIE
Cifrado por hardware para seguridad de datos

La serie Kingston IronKey Vault Privacy 50 es una unidad USB Type-A y Type-C que ofrece protección de grado empresarial, con hardware FIPS 197 y cifrado AES de 256 bits. Incluye un teclado virtual integrado y un controlador de acceso físico para proteger las contraseñas de los registradores de datos. La unidad también incluye un teclado virtual integrado y un controlador de acceso físico para proteger las contraseñas de los registradores de datos.

- Certificación FIPS 197 y cifrado XTS-AES de 256 bits
- Protección contra ataques de fuerza bruta y BadUSB
- Opción de implementar varias contraseñas con los modos completo o de frase de contraseña
- Nuevo modo de fase de contraseña
- Configuración de solo lectura (protección contra escritura)
- Administración local de las unidades de pequeñas y medianas empresas

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[pdf] Datasheet

Cifrado por hardware para seguridad de datos Kingston Technologyhabilitación del botón ojo que le permite ver la contraseña escrita Use el teclado virtual proteger las contraseñas los registradores de IKVP50C latamkingston datasheets IKVP50C latam |||

kingston.com/usb IRONKEY VAULT PRIVACY 50 SERIE Cifrado por hardware para seguridad de datos La se ... nico gratuito Compatible con Windows 11, 10, macOS 10.15.x 13.x Nmeros DE PARTE Type-A IKVP50/8GB **IKVP50/16GB** IKVP50/32GB IKVP50/64GB IKVP50/128GB IKVP50/256GB Type-C IKVP50C/8GB IKVP50C/16GB IKVP5...

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Kingston IronKey Vault Privacy Series
FIPS 197 Certified & XTS-AES 256-bit Encrypted USB Drive for Data Protection

Kingston IronKey Vault Privacy 50 series are premium USB Type-A and USB Type-C drives that provide enterprise-grade security with FIPS 197 certified AES 256-bit hardware encryption in XTS mode, including safeguards against brute force and BadUSB attacks. The unit also includes a virtual keyboard and a physical control to protect passwords from keyloggers or screenloggers. Encrypted drive Type C TAA compliant Ironkey IKVP50 pen tested keypad passphrase Technology Corporation Datasheet IKVP50C 512GBKingston USB 512 GB RSA700000013059846docs rs online e29a A700000013059846 |||

Vault Privacy 50 supports multi-password options (Admin, User and One-Time Recovery) with Complex or PhrasePass modes. This enhances the ability to recover access to the data if one of the passwords is forgotten. Traditional Complex mode allows the password to be 1-16 characters long, 1-16 of which can be numeric. The new PhrasePass mode allows for a numeric PIN, sentence, list of words or even letters from 10 to 16 characters long. Admin can enable a User and a One-Time Recovery password, or enable the User password to require a numeric PIN. The "Test" control can be used to reveal the typed-in password, reducing the time to failed login attempts. Brute force attack protection kicks out User or One-Time Recovery password if 10 invalid password attempts are entered in a row, and expires the One-Time Recovery password if entered incorrectly 10 times in a row.

To protect against potential malware on untrusted systems, both Admin and User can set Read-Only mode to write-protect the drive. Additionally, the drive is virtual malware protection through Kingston's Customization Program.

Organizations can customize and configure XTS-AES 256-bit encrypted USB drives with a product ID (PID) for integration with desktop endpoint management software to meet corporate IT and cybersecurity requirements through Kingston's Customization Program.

Small and medium businesses can use the Admin tool to locally manage their drives, e.g., use Admin to configure or reset.

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[pdf] Datasheet

Kingston IronKey Vault Privacy Series USB 3 2 Gen 1 Drive 8GB 512GB 50 series are enhanced drives that provide business grade security with FIPS 197 certified AES 256 bit hardware encryption in XTS mode including safeguards against Brute Force and BadUSB attacks It can be set to Read Only for additional protection the built virtual keyboard shields passwords from keyloggers or screenloggers Encrypted drive Type C TAA compliant Ironkey IKVP50 pen tested keypad passphrase Technology Corporation Datasheet IKVP50C 512GBKingston USB 512 GB RSA700000013059846docs rs online e29a A700000013059846 |||

Kingston IronKey Vault Privacy 50 Series FIPS 197 Certified XTS-AES 256-bit Encrypted USB Drive fo ... nty, free technical support Windows 11, 10, macOS 12.x - 15.x 3 Part Numbers USB-A IKVP50/8GB **IKVP50/16GB** IKVP50/32GB IKVP50/64GB IKVP50/128GB IKVP50/256GB IKVP50/512GB USB-C IKVP50C/8GB IKVP50C... IKVP50C...

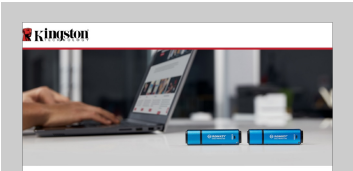
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[pdf] Datasheet

Unidad USB 3 2 serializada Gen 1 Kingston IronKey Vault Privacy serie 8 GB 512 La 50 incluye unidades mejoradas que proporcionan una seguridad de nivel empresarial con cifrado hardware AES 256 bits certificación FIPS 197 en modo XTS protección contra ataques fuerza bruta y BadUSB Puede configurarse solo lectura para mayor el teclado virtual integrado protege las contraseñas los registradores pulsaciones teclas o pantalla unidad cifrada tipo C conforme a la normativa TAA Ironkey IKVP50 prueba penetración frase contraseña Technology Corporation ikvp50 es kingston datasheets |||

Kingston IronKey Vault Privacy 50 Serie Unidad USB con certificacin FIPS 197 y cifrado XTS-AES de 25 ... da, soporte tcnico gratuito Windows 11, 10, macOS 11.x 14.x Nmeros De Parte USB-A 4 IKVP50/8GB **IKVP50/16GB** IKVP50/32GB IKVP50/64GB IKVP50/128GB IKVP50/256GB IKVP50/512GB USB-C IKVP50C/8GB IKVP50C... IKVP50C...

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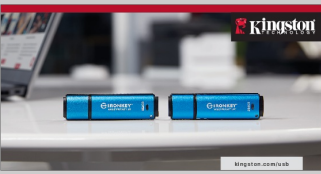
Kingston IronKey Vault Privacy 50 Serie
Unidad USB con certificación FIPS 197 y cifrado XTS-AES de 256 bits para la protección de datos

Kingston IronKey Vault Privacy 50 incorpora avanzadas unidades USB Type-A y Type-C que ofrecen protección de grado empresarial, con hardware FIPS 197 y cifrado AES de 256 bits en modo XTS, y que incluye salvaguardas contra ataques de fuerza bruta y BadUSB. La unidad también incluye un teclado virtual integrado y un controlador de acceso físico para proteger las contraseñas de los registradores de datos. La unidad también incluye un teclado virtual integrado y un controlador de acceso físico para proteger las contraseñas de los registradores de datos.

Vault Privacy 50 admite varias opciones de contraseña (Administrador, Usuario y Recuperación de un solo uso), con modos Complejo y Frase de contraseña. Esto facilita la capacidad de recuperar el acceso a los datos en caso de olvidar alguna de las contraseñas. El modo completo tradicional admite contraseñas de 4 a 16 caracteres usando 0-9, letras mayúsculas y minúsculas. El nuevo modo de frase de contraseña admite un PIN numérico, una frase, una lista de palabras o incluso letras de 10 a 16 caracteres. El administrador puede habilitar una contraseña de usuario y una contraseña de recuperación única o establecer la contraseña de usuario para restaurar el acceso si se olvidó la contraseña. El controlador de acceso físico puede revelar la contraseña ingresada para reducir los intentos de inicio de sesión fallidos. La protección contra ataques de fuerza bruta bloquea las contraseñas de usuario y de recuperación única después de introducir 10 contraseñas no válidas de manera consecutiva y expira la unidad después de 10 intentos incorrectos de la contraseña de administrador.

Como medida de protección contra software malicioso (malware) en sistemas que no son de confianza, tanto el administrador como el Usuario pueden establecer el modo Solo lectura para proteger la unidad contra escritura. Además, el teclado virtual integrado protege las contraseñas contra grabadores de pulsaciones de teclado físicos o virtuales.

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IRONKEY VAULT PRIVACY 50 SERIE
Hardwareverschlüsselung für mehr Datensicherheit

Die Kingston Vault Privacy 50 Serie bietet ein hochwertiges USB 3.0 Type-A und Type-C™, die Sicherheit auf Unternehmensniveau mit FIPS 197 zertifizierter AES-256-Bit-Hardwareverschlüsselung und digitaler Signatur. Die Vault Privacy 50 Serie ist ein einzigartiges Produkt, das die Sicherheit von Daten auf dem Desktop, in der Cloud und auf mobilen Geräten sicherstellt.

Vault Privacy 50 unterstützt die Multi-Passwort-Option (Admin, User und One-Time Recovery) mit Complex oder Passphrase-Modus. Dies verbessert die Sicherheit, indem es die Möglichkeit bietet, die Vault Privacy 50 Serie zu verwenden, wenn ein Passwort vergessen wurde, indem ein Administrator oder ein Benutzer ein neues Passwort festlegt. Die Vault Privacy 50 Serie ist auch mit der Multi-Passwort-Option (Complex oder Passphrase-Modus) kompatibel, die es ermöglicht, die Vault Privacy 50 Serie zu verwenden, wenn ein Passwort vergessen wurde, indem ein Administrator oder ein Benutzer ein neues Passwort festlegt.

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• FIPS 197 zertifiziert mit XTS-AES-256-Bit-Verschlüsselung
• Brute-Force und BadUSB Angriffsschutz
• Multi-Passwort-Option mit Complex / Passphrase-Modi
• Neuer Passphrase-Modus
• Einstellungen für den dualen Schreibschutzmodus
• Lokale Verwaltung von USB-Sticks für kleine und mittlere Unternehmen

Seite 13

[pdf] User Manual

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fa 26171152 ||| ||| kingston.com/usb IRONKEY VAULT PRIVACY 50 SERIE Hardwareverschlüsselung fr

mehr Datensicherheit Die Kingston IronKey Vault Privacy 50 Serie besteht aus hochwertigen USB-Sticks

Type-A and Type-C1, die Sicherheit auf Unternehmensniveau mit FIP

kingston.com/usb IRONKEY VAULT PRIVACY 50 SERIE Hardwareverschlüsselung fr

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IKVP5...

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[pdf]

Kingston IronKey Vault Privacy Series USB 3 2 Gen 1 Drive 8GB 512GB 50 series are enhanced drives

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additional protection the built virtual keyboard shields passwords from keyloggers or screenloggers

Encrypted drive Type C TAA compliant Ironkey IKVP50 pen tested keypad passphrase Technology

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Kingston IronKey Vault Privacy 50 Series FIPS 197 Certified XTS-AES 256-bit

Encrypted USB Drive fo ... warranty, free technical support Windows 11, 10, macOS

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IKVP50C...

lang:en **score:19** filesize: 281.9 K page_count: 5 document date: 2024-10-14

[pdf] Specifications

Kingston IronKey Vault Privacy Series USB 3 2 Gen 1 Drive 8GB 512GB 50 series are enhanced drives

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Kingston IronKey Vault Privacy 50 Series FIPS 197 Certified XTS-AES 256-bit

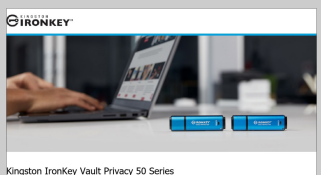
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IKVP50C...

lang:en **score:19** filesize: 140.76 K page_count: 5 document date: 2024-11-13



Kingston IronKey Vault Privacy 50 Series
FIPS 197 Certified & XTS-AES 256-bit Encrypted USB Drive for Data Protection

Kingston IronKey® Vault Privacy 50 series are premium USB Type-A and USB Type-C™ drives that provide enterprise-grade security with FIPS 197 certified AES 256-bit hardware encryption in XTS mode, including safeguards against BadUSB with digitally signed firmware and against brute force password attacks. VP50 has been penetration tested (pen tested) for enterprise-grade security. Because it provides encrypted storage under the user's physical control, the VP50 series is superior to using the internet and cloud services to safeguard data.

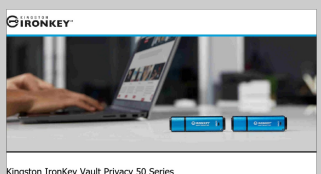
Vault Privacy 50 supports multi-password options (Admin, User and One-Time Recovery) with Complex or Passphrase modes. This enhances the ability to recover access to the data if one of the passwords is forgotten. Traditional Complex mode allows for passwords from 8 to 63 characters using 1 out of 4 character sets. The new Passphrase mode allows for a named PPS sentence, list of words or even letters from 10 to 64 characters long. Admin can enable a User and a One-Time Recovery password, or reset the User password to restore data access. To add a password entry, the "Yes" button can be enabled to reveal the typed-in password, reducing types that lead to failed login attempts. Brute force attack protection locks out User or One-Time Recovery password if 3 failed passwords are entered in a row, and cryptoresets the drive if the Admin password is entered incorrectly 10 times in a row.

To protect against potential malware on untrusted systems, both Admin and User can set Read-Only mode to write-protect the drive; additionally, the built-in virtual keyboard shields passwords from keyloggers or screenloggers.

Organizations can customize and configure VP50 series drives with a product ID (PID) for integration with standard endpoint management software to meet corporate IT and cybersecurity requirements through Kingston's Customization Programme.

Small and medium businesses can use the Admin role to locally manage their drives, e.g., use Admin to configure or reset.

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Kingston IronKey Vault Privacy 50 Series
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