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KINGSTON IRONKEY

Hardware-Encrypted Drives for HIPAA and Healthcare Compliance

Data falling into the wrong hands can be disastrous. The average cost of a data breach in the US in 2022 was \$4.35 million¹. Cybersecurity is no longer a choice, it's a requirement. Kingston is a leading manufacturer of hardware-encrypted USB drives with the strongest AES 256-bit encryption in XTS mode, to help all healthcare industry providers with HIPAA compliant storage drives. Kingston IronKey provides secure devices that allow you to remain compliant with healthcare industry regulations and standards with advanced features you can count on.

Hardware-encrypted storage options for data protection

Safeguard important data with military-grade FIPS 140-3 Level 3 (Pending) certified or mainstream FIPS 197 certified, XTS-AES 256-bit hardware-encrypted drives. Hardware encryption is vastly superior to software encryption. Additionally, there are built-in protections against Brute Force password attacks and BadUSB.

Multi-password option for data recovery

Enable Admin and User passwords. Brute Force password attack protection locks out the User password upon 10 invalid passwords entered in a row, and crypto-erases the drive if the Admin password is entered incorrectly 10 times in a row². The Vault Privacy 50 series even adds a One-Time Recovery password as well.

Passphrase mode

Select between Complex or Passphrase password mode on the Vault Privacy 50 series. Passphrases can be a numeric PIN, sentence with space characters, list of words, or even lyrics – from 10 to 64 characters long. The Vault Privacy 80ES supports a PIN or passphrase from 6 to 64 characters long.

Dual read-only settings

Avoid malware attacks with a forced Read-Only mode set by Admin for User, or a session-based Read-Only mode set by Admin or User.

Locally manage drives for small and medium businesses

Use Admin role to locally manage User password (and on the Vault Privacy 50 series One-Time Recovery password), recover data access on locked drives, and comply with laws and regulations when forensics are required.

Is your data a soft target?




Only hardware encryption gives your data the defense it deserves.

Learn more about Kingston IronKey at kingston.com/IronKey

KINGSTON IRONKEY HARDWARE-ENCRYPTED DRIVES FOR HIPAA AND HEALTHCARE COMPLIANCE

Please contact Kingston (kingston.com/en/askanexpert) for immediate assistance with IronKey hardware-encrypted drives for the strongest protection for Protected Health Information.

The following table describes the available drives and best use cases.

Drive	Vault Privacy 50 (USB- A) and 50C (USB-C) ⁴	Vault Privacy 80 External SSD	Keypad 200
			
PN	IKVP50/xxGB , IKVP50C/xxGB	IKVP80ES/xxGB	IKKP200/xxGB
Description	XTS-AES 256-bit hardware encryption with FIPS 197 certification	XTS-AES 256-bit hardware encryption with FIPS 197 certification	XTS-AES 256-bit hardware encryption with FIPS 140-3 Level 3 (pending) military-grade certification
Compliance	HIPAA TAA Assembled in USA	HIPAA TAA Assembled in USA	HIPAA
OS Support	Windows®, macOS®	OS- and Device Independent – ideal for data transfers from machines to systems	OS- and Device Independent – ideal for data transfers from machines to systems
Capacities³	8GB – 256GB	480GB – 1920GB	8GB – 128GB
Co-Logo & Customizable	Yes	No	No

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Kingston® IronKey™ Keypad 200 incorporates DataLock® Secured Technology licensed from ClevX, LLC. www.clevx.com/patents

¹ 2022 Cost of Data Breach Study, by Ponemon Institute LLC 2022.

² VP80ES shares a configurable number of retries between the Admin and User passwords.

³ Some of the listed capacity on a flash storage device is used for formatting and other functions and thus is not available for data storage. As such, the actual available capacity for data storage is less than what is listed on the products. For more information, go to Kingston's Flash Memory Guide.

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