

Kingston IronKey Vault Privacy 80 External SSD

FIPS 197 Certified & XTS-AES 256-bit Encrypted

Kingston IronKey™ Vault Privacy 80 External SSD is Kingston's first innovative OS-independent hardware-encrypted external SSD with touch screen for data protection. VP80ES safeguards against Brute Force attacks and BadUSB with digitally-signed firmware. Brute Force attack protection crypto-erases the drive if the Admin and User passwords are entered incorrectly 15 times[1] in a row by default. The drive is FIPS 197 certified with XTS-AES 256-bit encryption using a Common Criteria EAL5+ (CC EAL5+) certified secure microprocessor, and is TAA compliant.

As innate as unlocking a smartphone and simple drag & drop file transfers, VP80ES is designed to protect data while being user-friendly. Featuring an intuitive colour touch screen and multi-password (Admin and User) option with numeric PIN or passphrase modes, Vault Privacy 80ES is superior to using the internet and Cloud services to safeguard data.

Whether it's important company information, client documents, or high-res images and videos, the drive is ideal for small-to-medium businesses (SMB) to content creators. It comes bundled with two USB 3.2 Gen 1 adaptor cables, USB Type-C®[2] to Type-A and Type-C to Type-C, to allow for easy connection to computers and other devices. VP80ES makes for the perfect companion when you need secured data and content out in the field or on-the-go to enable portable productivity and convenience all in the palm of your hand. It is ideal for regular data backup and protection against ransomware.

Admin can enable a User password and set up security options, such as configuring password requirements by setting the maximum number of shared attempts, minimum password length of 6-64 characters, and alphanumeric password rules. Additionally, you can utilise the 'space' character making it easier to remember a passphrase as a list of words, a memorable quote, or lyrics from a favourite song. Otherwise, use the PIN pad to unlock just as you would on a mobile device and to reduce failed login attempts and frustration by tapping the "eye" button to view the password as entered.

As an added feature, when a User password is forgotten, the Admin password can be used to access data and restore User access.

- FIPS 197 Certified with XTS-AES 256-bit Encryption
- Unique Intuitive Touch Screen
- Multi-Password (Admin/User) Option with PIN/Passphrase modes
- Configurable Password Rules
- Dual Read-Only (Write Protect) Modes for Malware Protection
- Ideal for regular backups and protection against ransomware

Key Features

- ### Safeguard with FIPS 197 certified XTS-AES 256-bit encryption

  Built-in protections against BadUSB, Brute Force attacks and Common Criteria EAL5+ certified secure microprocessor.[1]

- ### Unique Intuitive Touch Screen

  Protecting your data is easy with the intuitive, user-friendly colour touch screen.

- ### Multi-Password (Admin/User) Option with PIN/Passphrase modes

  Multi-Password Option for Data Recovery with Admin access.

- ### Configurable Password Rules

  Manage the number of password attempts, minimum password length of 6-64 characters, and numeric or alphabet password rules.

- ### Extended Security Options

  Adjustable auto-timeout to lock drive, randomise touch screen layout and Secure-Erase the drive to wipe out all passwords and encryption key.

- ### Dual Read-Only (Write-Protect) Mode Settings

  Defend against cybersecurity threats from compromised systems using two levels of Read-only protection.

- ### Ideal for regular backups and protection against ransomware

  Regular backups are the best practice to safeguard critical data against malware or ransomware.

Specifications

Interface	USB 3.2 Gen 1
Connector	Type-C
Casing Material	Zinc + Plastic
Package Includes	Neoprene travel case, USB 3.2 Gen 1 C-to-C cable, USB 3.2 Gen 1 C-to-A cable
Capacities[3]	960GB, 1,920GB, 3,840GB, 7,680GB
Speed	960GB - 1,920GB: 250MB/s read, 250MB/s write 3,840GB - 7,680GB: 230MB/s read, 250MB/s write
Dimensions	122.5 mm x 84.2 mm x 18.5 mm
Operating Temperature	0℃ to 60℃
Storage Temperature	-20°C to 60°C
Compatibility	USB 3.0/USB 3.1/USB 3.2 Gen 1
Warranty/support[4]	Limited 3-year warranty
Compatible with	OS-independent: Windows®, macOS®, Linux®, ChromeOS™ or any system that supports a USB mass storage device and has sufficient power for the external SSD.

Part Numbers

IKVP80ES

IKVP80ES/960G
IKVP80ES/1920G
IKVP80ES/3840G
IKVP80ES/7680G

Product Image



1. Brute Force attack protection crypto-erase adjustable from 10-30 password attempts
2. USB Type-C® and USB-C® are registered trademarks of USB Implementers Forum.
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.
4. Limited 3-year warranty. See kingston.com/wa for details.

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