

IRONKEY VAULT PRIVACY 80 EXTERNAL SSD

Hardware-encrypted for Data Protection

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* 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 color 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 adapter cables, USB Type-C®** 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.

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 utilize the 'space' character making it easier to remember a passphrase as a list of words, a memorable quote, or lyrics from a favorite 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

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FEATURES / BENEFITS

Safeguard important data with FIPS 197 certified XTS-AES 256-bit encryption — Built-in protections against BadUSB, Brute Force attacks and Common Criteria EAL5+ certified secure microprocessor[3].

Unique Intuitive Touch-screen — Protecting your data is easy with the intuitive, user-friendly color touch-screen.

Enable Multi-Password (Admin/User) Option with PIN/ Passphrase modes — Multi-Password Option for D ata 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, randomize 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.

SPECIFICATIONS

Interface
USB 3.2 Gen 1

Connector
Type-C

Package Includes
Neoprene travel case, USB 3.2 Gen 1 C-to-C cable, USB 3.2 Gen 1 C-to-A cable

Capacities[4]
480GB, 960GB, 1920GB

Speed
Up to 250MB/s read, 250MB/s write

Dimensions
122.5 mm x 84.2 mm x 18.5 mm

Operating Temperature
0°C to 45°C

Storage Temperature
-20°C to 60°C

Compatibility
USB 3.0/USB 3.1/USB 3.2 Gen 1

Warranty/support[5]
Limited 3-year warranty

Compatible with
OS-independent:
Microsoft Windows®, macOS®, Linux®, Chrome OS™ or any system that supports a USB mass storage device.



KINGSTON PART NUMBERS

IronKey Vault Privacy 80 External SSD
IKVP80ES/480G
IKVP80ES/960G
IKVP80ES/1920G

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. Hardware Certified with built-in protection mechanisms designed to defend against external tampering and physical attacks.
4. 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.
5. Limited 3-year warranty. See kingston.com/wa for details.

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