



Kingston IronKey D300S Encrypted USB Flash Drive

FIPS 140-2 Level 3 Certified

The Kingston IronKey™ D300S/SM USB flash drive features an advanced level of security which builds on the features that made IronKey well respected, to safeguard sensitive information. It's FIPS 140-2 Level 3 certified, with 256-bit AES hardware-based encryption in XTS mode. An essential pillar to setting security standards, corporate policies and data loss protection (DLP) best practices. An important element in the quest for compliance with industry standards and global regulations such as the GDPR.

- Advanced level of security that builds on the features that made IronKey well-respected
- Available in a Managed model that requires SafeConsole or IronKey EMS¹
- Rugged and tamper-resistant casing that meets IronKey standards
- Fast data transfers that use the latest in NAND Flash and controller technology
- Customisable
- Easy to use

For added peace of mind, the drive uses digitally signed firmware, making it immune to BadUSB, and it enforces complex password protection² with minimum characteristics to prevent unauthorised access.

Encryption and decryption is done on the drive, with no trace left on the host system, and the drive locks down and reformats after 10 invalid attempts, to protect against brute force attacks.

Rugged and tamper-resistant, IronKey D300S/SM has a zinc casing and tamper-evident epoxy seal for physical security, so you can rest assured the drive will hold up, even in the most demanding situations.

Customisable, easy to use and waterproof up to 4 feet, conforming to IEC60529 IPX8³. SuperSpeed (USB 3.0) technology means you don't have to compromise speed for security.

On top of its industry-leading data protection, IronKey D300S / D300SM provides a unique serial-number and barcode printed on drive and virtual keyboard⁴.

Managed model

Requires SafeConsole or IronKey EMS software management system¹. This allows central management of drive access and usage across thousands of drives.

Either cloud-based or on-premises, it enforces drive-specific policies, such as password strength and retry limits, and lets administrators remotely disable lost or stolen drives, recover lost passwords and more.

Key Features

- **Encrypted**

With encryption, no one can access data that you have stored on the drive without knowing the password.

- **Meet frequently requested IT requirements**

IronKey D300S/SM is FIPS 140-2 Level 3 certified and TAA compliant so you can rest assured it meets the most frequently requested corporate and government IT requirements.

- **Unique Serial Number and Scannable Barcode**

Time saver, simply read or scan the barcode, when deploying, when it is returned as well as during any physical auditing.

- **Virtual Keyboard**

Enables users to enter a password via mouse clicks, instead of using a physical keyboard; to reduce the risk of keylogging when using your encrypted drive on other computers.

Specifications

Interface	USB 3.1 Gen 1
Capacities ⁵	8GB, 16GB, 32GB, 64GB, 128GB
Speed ⁶	<p>USB 3.1 Gen 1:</p> <p>8GB & 16GB: 165MB/s read, 22MB/s write</p> <p>32GB: 250MB/s read, 40MB/s write</p> <p>64GB: 250MB/s read, 85MB/s write</p> <p>128GB: 250MB/s read, 85MB/s write</p> <p>USB 2.0:</p> <p>8GB-128GB: 30MB/s read, 20MB/s write</p>
Dimensions	77.9 mm x 22.2 mm x 12.05 mm
Waterproof	Up to 4 ft.; conforms to IEC 60529 IPX8. Product must be clean and dry before use.
Operating temperature	0°C to 60°C
Storage temperature	-20°C to 85°C
Compatibility	USB 3.0 compliant and 2.0 compatible
Minimum system requirements	<p>USB 3.0 compliant and 2.0 compatible</p> <p>Two (2) free drive letters required for use</p>
Compatible with	Windows [®] 11, 10, macOS [®] 11.x – 14.x, Linux ⁷ Kernel 4.4+
Warranty/support	5-year warranty, free technical support

Part Numbers

Serialised Standard

IKD300S/128GB

IKD300S/64GB

IKD300S/16GB

IKD300S/8GB

IKD300S/32GB

Serialised Managed

IKD300SM/128GB

IKD300SM/64GB

IKD300SM/32GB

IKD300SM/16GB

IKD300SM/8GB

Product Image



1. SafeConsole Cloud Service by DataLocker, purchased separately. IronKey EMS is currently End of Life (EOL) and is replaced by SafeConsole.
2. Password requirements set by Administrator during set up using IronKey EMS for IronKey D3000 Managed drives.
3. Product must be clean and dry before use
4. Virtual Keyboard: Only supports US English on Microsoft Windows.
5. 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](#).
6. Speed may vary due to host hardware, software and usage.
7. Feature support on Linux is limited. Refer to user manual for more details. Certain distributions of Linux will require super-user (root) privileges in order to execute the IronKey commands properly in the terminal application window.



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