

# IronKey D300

kingston.com/encryptedsecurity

## Protect mobile data with advanced security. Available in Standard and Managed models

### All Models

Kingston's IronKey™ D300 USB Flash drive features an advanced level of security that 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.

For added peace of mind, the drive uses digitally signed firmware, making it immune to BadUSB, and enforces complex password protection<sup>1</sup> 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 secure, IronKey D300 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 IPX8<sup>2</sup>. SuperSpeed (USB 3.0) technology means you don't have to compromise on speed over security.

### Serialized (S) models

The IronKey D300S / D300SM brings two additional features on top of its industry-leading data protection.

Unique serial-number and barcode printed on drive

- Allows network administrators simply to read or scan the code instead of plugging in a drive to learn its unique serial number.
- Time saver both when the drive is deployed and when it is returned, as well as during any physical auditing of hardware done by a company. If a lost drive is found, the owner can quickly be tracked by the serial number.

Virtual keyboard<sup>3</sup>

- Enables users to enter a password via mouse clicks, instead of using a physical keyboard; to reduce the risk of a keylogger intercepting the password being keyed in.
- Protection when using your encrypted drive on other computers that may be logging every keystroke made on a physical keyboard, including passwords.

### Managed Model

IronKey D300M / D300SM is available in a Managed model that requires IronKey EMS, with the D300SM also supporting SafeConsole by DataLocker<sup>4</sup>. 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.



D300S/D300SM only

Features/specs on reverse >>

# IronKey D300

## FEATURES/BENEFITS

- > **Encrypted** — With encryption, no one can access data that you have stored on the drive without knowing the password.
- > **Meets frequently requested IT requirements** — IronKey D300 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.
- > **Easily manage thousands of drives** — With IronKey EMS, you can centrally administer access and usage policies and easily manage thousands of drives.
- > **Unique Serial Number and Scannable Barcode** — Time saver, simply read or scan the barcode when deploying, upon return or during physical auditing.

## SPECIFICATIONS

- > **Interface** USB 3.1 Gen 1
- > **Capacity**<sup>8</sup> 4GB, 8GB, 16GB, 32GB, 64GB & 128GB
- > **Speed**<sup>9</sup> **USB 3.1 Gen 1:** 4GB: 80MB/s read, 12MB/s write  
8GB & 16GB: 165MB/s read, 22MB/s write  
32GB: 250MB/s read, 40MB/s write  
64GB: 250MB/s read, 85MB/s write  
128GB: 250MB/s read, 85MB/s write  
**USB 2.0:** 4GB: 30MB/s read, 12MB/s write  
8GB–128GB: 30MB/s read, 20MB/s write
- > **Dimensions** 3.06" x 0.9" x 0.47" (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** 32°F to 140°F (0°C to 60°C)
- > **Storage Temperature** -4°F to 185°F (-20°C to 85°C)
- > **Compatibility** USB 3.0 compliant and 2.0 compatible
- > **Minimum System Requirements:**
  - USB 3.0 compliant and 2.0 compatible
  - two (2) free drive letters required for use
- > **Compatible with** Windows® 10, Windows 8.1, Windows 8, macOS v10.12.x – 10.15.x
- > **Standard Drive – compatible with** Windows® 10, Windows 8.1, Windows 8, macOS v10.12.x – 10.15.x, Linux v.2.6.x+<sup>7</sup>
- > **Managed Drive – compatible with** Windows® 10, Windows 8.1, Windows 8, macOS v10.12.x – 10.15.x



## COMPATIBILITY TABLE

Operating System compatibility	D300 Managed			D300S Managed	
	D300/D300S	File Transfer	IronKey EMS	File Transfer	SafeConsole/IronKey EMS
Windows® 10, 8.1, 8	✓	✓	✓	✓	✓
macOS v.10.12.x – 10.15.x	✓	✓	✓	✓	✓
Linux v.2.6.x+ <sup>7</sup>	✓ <sup>5</sup>			✓ <sup>6</sup>	

## PART NUMBERS

### Serialised Standard Drives

IKD300S/4GB  
IKD300S/8GB  
IKD300S/16GB  
IKD300S/32GB  
IKD300S/64GB  
IKD300S/128GB

### Serialised Managed Drives

IKD300SM/4GB  
IKD300SM/8GB  
IKD300SM/16GB  
IKD300SM/32GB  
IKD300SM/64GB  
IKD300SM/128GB

1. Password requirements set by administrator during set-up using IronKey EMS for IronKey D300 Managed drives.
2. Product must be clean and dry before use.
3. Virtual Keyboard: Only supports US English on Microsoft Windows.
4. IronKey EMS by DataLocker, purchased separately.
5. D300S supports limited Linux commands, such as login, logout, initialise, about and forgot password.
6. D300SM supports limited Linux commands, such as login, logout and password change.
7. Certain distributions of Linux will require super-user (root) privileges in order to execute the DataTraveler commands properly in the terminal application window.
8. Some of the listed capacity on a Flash storage device is used for formatting and other functions and is thus 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 Guide at [kingston.com/flashguide](http://kingston.com/flashguide).
9. Speed may vary due to host hardware, software and usage.



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