IronKey D300

Protect sensitive data with the most advanced level of security. Available in Standard and Managed 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 encryption in XTS mode. For added peace of mind, the drive uses digitally signed firmware, making it immune to BadUSB, and it enforces complex password protection[1] with minimum characteristics to prevent unauthorized 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.

Managed model

IronKey D300 is available in a Managed model that requires IronKey EMS by DataLocker[2] and 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.

All models

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. It's customizable, easy to use and waterproof up to 4 feet, conforming to IEC 60529 IXP8[3]. SuperSpeed (USB 3.0) technology means you don't have to compromise speed for security; IronKey D300 allows for fast data transfers, and by adding Kingston's expertise in Flash memory and the latest in NAND Flash and controller technology, you can be confident in a solution that will be around for years to come.

〉 Advanced level of security that builds on the features that made IronKey well-respected

〉 Available in a Managed model that requires IronKey EMS by DataLocker[2]

〉 Rugged and secure casing that meets IronKey standards

〉 Fast data transfers that use the latest in NAND Flash and controller technology

〉 Customizable

〉 Easy to use

Features/specs on reverse 〉〉

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FEATURES/ BENEFITS

> **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 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 by DataLocker (sold separately), you can centrally administer access and usage policies and easily manage thousands of drives.

> **Rugged** — IronKey D300 features a rugged, waterproof[3] zinc case design and a tamper-evident epoxy coating seal. Rest assured the drive will hold up in even the most demanding situations with the quality that made IronKey well-respected.

SPECIFICATIONS

> **Interface** USB 3.0

> **Capacity[4]** 4GB, 8GB, 16GB, 32GB, 64GB, 128GB

> **Speed[5]**   **USB 3.0:** 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** 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℃ to 60℃

> **Storage Temperature** -20℃ to 85℃

> **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[6]

> **Warranty/support** 5-year warranty, free technical support

COMPATIBILITY TABLE

	D300	D300 Managed	
		File Transfer	IronKey EMS
Operating System compatibility			
Windows® 10, 8.1, 8, 7(SP1)	√	√	√
Mac OS X v.10.9 – 10.12.x	√	√	√
Linux v.2.6.x+[7]	√		

PART NUMBERS

Standard Drives
IKD300/4GB
IKD300/8GB
IKD300/16GB
IKD300/32GB
IKD300/64GB
IKD300/128GB

Managed Drives
IKD300M/4GB
IKD300M/8GB
IKD300M/16GB
IKD300M/32GB
IKD300M/64GB
IKD300M/128GB

1 Password requirements set by Administrator during set up using IronKey EMS for IronKey D300 Managed drives.

2 IronKey EMS by DataLocker, purchased separately. Learn more at DataLocker.com

3 Up to 4 ft.; conforms to IEC 60529 IPX8. Product must be clean and dry before use.

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 at kingston.com/flashguide.

5 Speed may vary due to host hardware, software and usage.

6 First free drive letters after physical devices such as system partition, optical drives, etc.

7 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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