

Kingston IronKey Hardware-Encrypted Drives

Manage Mobile Data Threats and Reduce Risks



Protect sensitive data by standardizing with hardware-encrypted Kingston® IronKey™ USB Flash drives or external SSD. With several models and capacities, there's one that's ideal for your company's needs. Whether you're looking for mobile data security or to comply with data-at-rest or data-in-transit directives, laws, standards or global regulations the drives below are 100% hardware-encrypted to meet the strictest security policies. All IronKey drives include Digitally Signed Firmware, BadUSB Malware & Brute-Force Password Attack Protection and are GDPR Ready¹. IronKey drives are covered by a three- or five-year limited warranty, free technical support and legendary Kingston reliability. For more information, go to kingston.com/ironkey



Feature Description	Locker+ 50 G2	Vault Privacy 50 Series	Vault Privacy 80 External SSD	Keypad 200 Series	D500S
Part Number	IKLP50G2/xxGB	IKVP50/xxGB USB-A IKVP50C/xxGB USB-C ²	IKVP80ES/xxG	IKKP200/xxGB USB-A IKKP200C/xxGB USB-C	IKD500S/xxGB
Security Level	Enterprise-Grade	Enterprise-Grade	Enterprise-Grade	Military-Grade	Military-Grade/Best-in-Class
Capacities ³	32-256GB	16-512GB	960-7680GB	16-512GB	16-512GB
Connector	USB-A	USB-A, USB-C	USB-A, USB-C	USB-A, USB-C	USB-A
Hardware Encryption Mode	XTS-AES 256-bit	XTS-AES 256-bit	XTS-AES 256-bit	XTS-AES 256-bit	XTS-AES 256-bit
FIPS Validated ⁴	FIPS 197	FIPS 197	FIPS 197	FIPS 140-3 Level 3	FIPS 140-3 Level 3
Multi-Password Support	Admin/User	Admin/User/One-Time Recovery	Admin/User	Admin/User	Admin/User/One-Time Recovery
Passphrase Mode and Max Length	Up to 64	Up to 64	Up to 64	Up to 15	Up to 128
Eye Symbol to See Password Entry	✓	✓	✓		✓
Read Only Access		✓	✓	✓	✓
TAA-Compliant	✓	✓	✓		✓
Tamper Protection			CC EAL5+ certified secure microprocessor	Epoxy	Epoxy Filled
Dual Hidden Partition					✓
Crypto-Erase Password					✓
Waterproof/Dustproof ⁵		IPx8		IP68	IP67, MIL-STD-810F
Customizable Options ⁶	Co-Logo	✓		Co-Logo	✓
External Serial Number		Customizable	✓	✓	✓
Scannable Barcode		Customizable		✓	✓
Custom PID - Endpoint / DLP Compatible		Customizable			Customizable
Virtual Keyboard	Windows® and macOS®	Windows® and macOS®	Touch Screen		Windows® and macOS®
Case Material	Zinc	Anodized Aluminum	Zinc	Anodized Aluminum	Zinc
USB Interface	USB 3.2 Gen 1	USB 3.2 Gen 1	USB 3.2 Gen 1 External SSD	USB 3.2 Gen 1	USB 3.2 Gen 1
Operating Systems Supported					
Windows® 11	✓	✓	OS Independent	OS Independent	✓
macOS® 13.x - 26.x	✓	✓	OS Independent	OS Independent	✓
Linux Kernel ⁷ v4.4+			OS Independent	OS Independent	✓ ⁸

1 Encryption can be part of a GDPR program but does not ensure GDPR compliance.

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. For more information, go to Kingston's [Flash Memory Guide](#)

4 Federal Information Processing Standards (FIPS): "Security Requirements for Cryptographic Modules." For more information, visit the [NIST Resource Center](#).

5 IEC 60529 certified for waterproof with the cap on. Product must be clean and dry before use.

6 Learn more about [Customizable Options](#)

7 Linux commands support i386/x86_64 Intel and AMD-based processors only – limited features.

8 IKD500S: Linux 32-bit and 64-bit OS support. Limited features.



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