Kingston IronKey Hardware-Encrypted Drives - Security Solutions
Manage mobile data threats and reduce risks

Your company is at risk whenever employees use their own drives to travel with data and take work home. Protect sensitive data by standardising on a hardware-encrypted Kingston® IronKey™ USB flash drive or external SSD. With several models and capacities to choose from, there's one that's ideal for your company's needs, whether you're looking for mobile data security or have to comply with data-at-rest or data-in-transit directives, laws, standards or global regulations, such as GDPR or CCPA.

All IronKey drives are covered by a five-year warranty (IronKey Vault Privacy 80 ES and IronKey Keypad 200 Series have a three-year warranty; IronKey D500SM has a two-year warranty), free technical support and legendary Kingston reliability. All drives below are 100% hardware encrypted to meet the strictest security policies. For more information, go to **kingston.com/ironkey**

Featured Description	IronKey Vault Privacy 50 Series	IronKey Vault Privacy 80 ES	IronKey Keypad 200 Series	IronKey D500S	IronKey S1000
Part Number	IKVP50/xxGB USB-A IKVP50C/xxGB USB-C®[1]	IKVP80ES/xxGB	IKKP200/xxGB	IKD500S/xxGB Serialised IKD500SM/xxGB Managed	IKS1000B/xxGB Basic IKS1000E/xxGB Enterprise
Security Level	Enterprise Mainstream	Enterprise mainstream	Military Grade	Military Grade/Enhanced	Military Grade/Best-in-Class
Capacities[2]	8-512GB	480-7,680GB	8-256GB USB-A 8-512GB USB-C	8-512GB	4-128GB
256-bit AES Hardware Encryption Mode	XTS	XTS	XTS	XTS	On Device Cryptochip + XTS
FIPS Validated[3]	FIPS 197	FIPS 197	FIPS 140-3 Level 3 (Pending)	FIPS 140-3 Level 3 (pending)	FIPS 140-2 Level 3
Multi-Password Support	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 15	√ Up to 128	√ Up to 255
Eye Symbol to See Pasword Entry	√	√			
Digitally Signed Firmware	√	√	√	√	√
BadUSB Malware Protection	√	√	√	√	√
Brute-Force Password Attack Protection	√	√	√	√	√
TAA-Compliant	√	√		√	√
GDPR Ready[9]	√	√	√	√	√
Ready Only Access	√	√	√	√	√
Tamper Protection		CC EAL5+ certified secure microprocessor	√ Epoxy	√ Epoxy Filled	√ Epoxy Filled
Dual hidden partition				√	
Crypto-erase password	√			√	
Waterproof/Dustproof[4]	IPx8		IP68	IP67, MIL-STD-810F	MIL-STD-810F
Customizable Options[5]	√		Co-logo	√	
Virtual Keyboard	Windows® and macOS®	Touch Screen		Windows® and macOS®	Windows® only
Enterprise Management Option	Local Management Option for Small/Medium Businesses			√ DD00SM (SafeConsole)	√ S1000E (SafeConsole)
Custom PID - Endpoint / DLP Compatible	√			√	
Case Material	Anodised Aluminium	Zinc and plastic	Anodised Aluminium	Zinc	Anodised Aluminium
USB Interface	USB 3.2 Gen 1	USB 3.2 Gen 1 External SSD	USB 3.2 Gen 1	USB 3.2 Gen 1	USB 3.1 Gen 1
Operating Systems Supported					
Windows® 11, 10	√	√ OS Independent	√ OS Independent	√	√
macOS® 11.x - 14.x	√	√ OS Independent	√ OS Independent	√	√
Linux Kernel[6] v4.4+		√ OS Independent	√ OS Independent	√[7]	√[8]