

Kingston 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 an encrypted Kingston® DataTraveler® and 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 DataTraveler and IronKey drives are covered by a five-year warranty (IronKey Keypad 200 and IronKey Vault Privacy 80 ES have a three-year warranty), free technical support and legendary Kingston reliability. All drives below are 100% encrypted to meet the strictest security policies. For more information, go to kingston.com/encryptedsecurity



| Featured Description | IronKey Vault Privacy 50 | IronKey Vault Privacy 80 ES | IronKey Keypad 200 | DataTraveler 4000G2 | IronKey D300S | IronKey S1000 |
|--|---|--|------------------------------|---------------------------------------|---|---|
| Part Number | IKVP50/xxxGB | IKVP80ES/xxGB | IKKP200/xxGB | DT4000G2DM/xxGB Optionally Managed | IKD300S/xxGB Standard IKD300SM/xxGB Managed | IKS1000B/xxGB Basic IKS1000E/xxGB Enterprise |
| Security Level | Enterprise Mainstream | Small/Medium Business Mainstream | Military Grade | Military Grade | Military Grade/Enhanced | Military Grade/Best-in-Class |
| Capacities ¹ | 8-256GB | 480-1,920GB | 8-128GB | 8-128GB | 8-128GB | 4-128GB |
| 256-bit AES Hardware Encryption Mode | XTS | XTS | XTS | XTS | XTS | On Device Cryptochip + XTS |
| FIPS Validated ² | FIPS 197 | FIPS 197 | FIPS 140-3 Level 3 (Pending) | FIPS 140-2 Level 3 | FIPS 140-2 Level 3 | FIPS 140-2 Level 3 |
| Multi-Password Support | Admin/User/One-Time Recovery | Admin/User | Admin/User | | | |
| Passphrase Mode and Max Length | √ Up to 64 | √ Up to 64 | | | | √ Up to 255 |
| Eye Symbol to See Password Entry | √ | √ | | | | |
| Digitally Signed Firmware | √ | √ | √ | √ | √ | √ |
| BadUSB Malware Protection | √ | √ | √ | √ | √ | √ |
| Brute-Force Password Attack Protection | √ | √ | √ | √ | √ | √ |
| TAA-Compliant | √ | √ | | √ | √ | √ |
| GDPR Ready ⁹ | √ | √ | √ | √ | √ | √ |
| Assembled/COO | USA | USA | China | USA | USA | USA |
| Ready Only Access | √ | √ | √ | √ | √ | √ |
| Tamper Protection | | CC EAL5+ certified secure microprocessor | √ Epoxy | √ Epoxy | √ Epoxy Filled | √ Epoxy Filled |
| Waterproof ³ | up to 4 ft | | up to 3 ft | up to 4 ft | up to 4 ft | up to 3 ft |
| Customizable Options ⁴ | √ | | √ | √ | √ | |
| Virtual Keyboard | Windows® and macOS | Touch Screen | | | Windows® only | Windows® only |
| Enterprise Management Option | Local Management Option for Small/Medium Businesses | | | Optional Management (SafeConsole) | √ D300SM (SafeConsole / IronKey EMS) ⁶ | √ S1000E (SafeConsole / IronKey EMS) ⁶ |
| Custom PID - Endpoint / DLP Compatible | √ | | √ | √ | √ | √ |
| Case Material | Anodised Aluminium | Zinc and plastic | Anodised Aluminium | Titanium-Coated Stainless Steel | Zinc | Anodised Aluminium |
| USB Interface | USB 3.2 Gen 1 | USB 3.2 Gen 1 External SSD | USB 3.2 Gen 1 | USB 3.1 Gen 1 | USB 3.1 Gen 1 | USB 3.1 Gen 1 |
| Operating Systems Supported | | | | | | |
| Windows® 11, 10, 8.1 | √ | √ (OS independent) | √ (OS independent) | √ | √ | √ |
| macOS® v. 10.14x - 12.x.x | √ | √ (OS independent) | √ (OS independent) | √ | √ | √ |
| Linux Kernel ⁵ v4.4+ | | √ (OS independent) | √ (OS independent) | | √ ^{7,8} | √ ⁸ |

1 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. For more information, visit the Memory Guide at kingston.com/flashguide.
 2 Federal Information Processing Standards (FIPS) 140-2: "Security Requirements for Cryptographic Modules". For more information, visit <http://csrc.nist.gov/publications/PubsFIPS.html>.
 3 S1000 conforms to MIL-STD-810F, IKKP200 conforms to IP57, all other drives conform to IEC 60529 IPX8. Product must be clean and dry before use.

4 For more information, visit kingston.com/usb/encrypted_security.
 5 Linux commands support i386/x86_64 Intel and AMD-based processors only – limited features.
 6 Compatible for existing customers using IronKey EMS Cloud/On-Prem Solution.
 7 DTPV30 / IKD300S: Linux 32-bit and 64-bit OS support. Limited features, for more information visit kingston.com/usb/encrypted_security.
 8 IKD300SM and IKS1000B Linux 32-bit and 64-bit OS support / IKS1000E: Linux 32-bit OS support. Limited features.
 9 Encryption can be part of a GDPR programme but does not ensure GDPR compliance.

