

ENCRYPT YOUR DATA
PROTECT YOUR IDENTITY
SURF PRIVATELY



SECURE YOUR FILES & PROTECT YOUR IDENTITY

MEET IRONKEY PERSONAL.

The IronKey Personal is a revolutionary personal security device designed to protect your data, passwords and online identity on any computer.

Hardware Encryption for Bullet-Proof Security

All data stored on an IronKey is encrypted with high-speed military-grade hardware encryption. Unlike software-based encryption, this "always-on" protection cannot be disabled and is protected against cold-boot and brute force attacks. No one can access files stored on an IronKey unless they authenticate with the correct password. All encryption and password verification is performed in hardware - it cannot be disabled by malware or a careless user.

Secure & Private Web Browsing

IronKeys are pre-configured with a portable version of Mozilla's popular Firefox web browser. All data, cookies, and web history are maintained locally on the IronKey. IronKey's optional Secure Sessions service protects your privacy on the web by triple-encrypting your web surfing traffic, and provides secure DNS services to help assure that you are not visiting a spoofed website.

Secure Password Management

The IronKey Password Manager locally manages all your online passwords with secure one-click direct access and protection against keystroke-logging spyware and other online threats. Optional encrypted password backup is provided as an online service.

Self-Service Password Recovery

If you forget your IronKey's password, IronKey offers an optional online password recovery service. Advanced mutual authentication technology is used to verify your identity, allowing you to recover your device's password securely.

Rugged and Physically Secure

Your IronKey is an investment that will last for years. Your IronKey has a rugged metal casing to protect it from physical damage, and the internal components are sealed to protect against tampering. Also, your IronKey has passed and exceeded military waterproof testing requirements.

"This is without a doubt the most secure USB flash drive I've ever tested."
ComputerWorld February 2008

1, 2, 4, 8 GB
SECURE STORAGE
HIGH SPEED
**30 MBPS READ
20 MBPS WRITE**
**HARDWARE
ENCRYPTION**
**WATERPROOF
TAMPER
RESISTANT**

WHICH IRONKEY IS RIGHT FOR YOU?

BASIC
PERSONAL
ENTERPRISE

Remote Management			✓
Configurable Policies			✓
OTP Strong Authentication			✓
Identity Protection Services		✓	✓
Security Software		✓	✓
Hardware Encryption	✓	✓	✓
Fast & Reliable Storage	✓	✓	✓
Tamper Resistant & Waterproof	✓	✓	✓

TECHNICAL SPECIFICATIONS

Capacity

1GB, 2GB, 4GB or 8GB

Speed*

Up to 30 MB per second Read

Up to 20 MB per second Write

Dimensions

75mm X 19mm X 9mm

Weight

.9 oz (25 grams)

Waterproof

MIL-STD-810F

Temperature

Operating: 0 °C, +70 °C

Storage: -40 °C, +85 °C

Operating Shock

16G rms

Hardware

USB 2.0 high speed

OS Compatibility

Windows XP, Vista, Windows 2000 SP4
without Password Manager

OS Compatibility - Encrypted Storage Only

Linux kernel 2.6, Mac OS X (beta)

Hardware Encryption

Data: AES Cipher-Block Chained mode

Encryption Keys: 128-bit Hardware DRNG

PKI: 2048-bit RSA

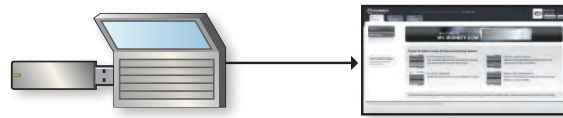
Hashing: 256-bit SHA

FIPS validations: 140-2 Level 2, 186-2, 197

IRONKEY PERSONAL BENEFITS

- All stored data is encrypted, all the time
- Manage and protect your online passwords
- Surf safely and privately
- No Windows administrative privileges required
- A secure platform for portable applications
- No software or drivers to install
- Easy to deploy and use

Securely backup up passwords and safely surf the web via my.ironkey.com



THE IRONKEY PERSONAL SECURITY DEVICE

Reliable & Premium Quality

Encased in a solid, tamper resistant and waterproof metal casing, the IronKey is built to survive years of wear and tear. IronKey uses only the highest quality components, with up to 10 times the average memory lifespan of a traditional flash drive.

Hardware-Level Key Management and Defenses

When an IronKey is plugged into a laptop or desktop computer, the user must authenticate with a password before data and applications are accessible. Unlike software-based encryption, the IronKey Cryptochip prevents encryption keys from being transferred and stored onto PCs, where they are vulnerable. IronKey protects against brute-force password guessing attacks by using non-volatile access-failure counters stored on the Cryptochip. If a thief tries to break into an IronKey and enters 10 incorrect passwords, the Cryptochip will securely erase all the encrypted data with patent-pending Flash Trash technology. This ensures no trace can be recovered from the device.



RUGGED METAL CASING
Waterproof & Tamper Resistant

ALWAYS-ON HARDWARE ENCRYPTION
Military-Grade Cryptochip

STRONG AUTHENTICATION
PKI

PORTABLE APPLICATIONS
Secure Browser, Encrypted Backup & Password Management

ULTRA FAST MEMORY
Dual-channel SLC NAND Flash

Cryptographic Authentication

Each IronKey is pre-configured with a client-side digital certificate, which can be used for strong authentication to enterprise websites. IronKey also provides a PKCS#11 interface for developers to access the device's cryptographic functions.



THE WORLD'S MOST SECURE FLASH DRIVE



Secure By Design

IronKey's team of world renowned encryption, authentication, and Internet security experts designed IronKey devices and online services to withstand sophisticated security attacks, including brute force password guessing, USB sniffing, physical disassembly, differential power analysis and chip inspection.

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*Read/Write speeds tested in a laboratory environment. Actual speeds may vary. Advertised capacity is approximate. Not all of it will be available for storage.

IronKey Personal model numbers:

1GB - D20102 ~ 2GB - D20202 ~ 4GB - D20402 ~ 8GB - D20802



www.ironkey.com
sales@ironkey.com
5150 El Camino Real, Suite C31
Los Altos, CA 94022 USA