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[IronKey S200 Is About Protecting Your Data](#)

Claims 'world's most secure USB drive' title



IronKey S200 is the world's most secure flash drive
IronKey

USB flash drives have become one of the most convenient ways to store personal data, especially for users who are mostly on the road. These devices can now provide as much as 128GB of storage space, featuring a Flash-based memory technology that enables faster performance and smaller footprints. They come in a considerable number of different forms and sizes and can deliver different levels of performance. There's also a select market of Flash-based thumb drives that are designed to provide users with a higher level of protection for their data. Such is the case with the latest product from IronKey, a new USB flash drive that is said to be "the world's most secure flash drive."

According to the company, its new S200 device has been specifically designed for government and enterprise customers, providing them with a number of hardened physical security and the latest Cryptochip technology, in addition to built-in active anti-malware and enhanced management capabilities. The company further states that this is the first and only USB storage device that has been capable of achieving FIPS 140-2, Level 3 validation, with its AES-256 encryption, tamper-resistance and self-destruction circuitry.

The S200's key features are:

The first and only USB flash drive to meet the rigorous government security requirements of FIPS 140-2, Security Level 3.

Hardware-based AES 256-bit encryption in CBC mode.

Tamper-resistant and tamper-evident rugged aluminum metal case that meets military specifications and is waterproof.

Secure management of encryption keys.

Anti-malware capabilities in hardware provide an unprecedented layer of protection from malware and prevent its spread onto enterprise and government networks.

AutoRun lock-down protects against worms.

Read-only mode prevents malware on infected hosts from infecting IronKey devices.

Optional anti-virus/anti-malware scanning cleans the devices in the background.

Trusted network restrictions prevent IronKey devices from unlocking on uncontrolled PCs.

Dual-channel architecture enables significant performance when writing large and small files to the drive.

Includes extended-life flash memory capable of running high-bandwidth applications such as data backups, virtual machines, or bootable mobile desktops.

Enterprise Management Cloud Service over the Internet for the enforcement of security

policies, security and anti-malware updates, and the tracking and auditing of hundreds or thousands of devices.

Optional Enterprise Management Server that customers can host themselves.

Unfortunately, the company hasn't yet unveiled any specific details regarding the pricing and availability of its new IronKey S200 portable storage solution. However, the company's 8GB S100 personal storage solution is priced at US\$199, which could be an indication of the price of the S200.