



Lexar JumpDrive® SAFE S3000

Features:

- Enhanced protection of information assets with hardware-based data encryption
- Smart card-based authentication for secure and authorized access
- Rapid deployment with no software or driver installation
- Metal outer housing for protection against physical damage
- Web-based device management service
- Inter-operability between Windows® and Mac OS® X operating systems
- Assembled in USA

Enterprise-level security scaled to meet performance and budget demands of small businesses.

Protect portable data with smart card-based encryption technology

The innovative Lexar® JumpDrive SAFE S3000 is designed for small- to medium-sized organizations that require enterprise-level security at a budget-driven price point. This advanced USB flash drive, featuring capacities up to 16GB, provides comprehensive portable data security through smart card-based key management and device access control, AES hardware encryption, and a rugged metal housing.

Industry-standard data protection

The Lexar JumpDrive SAFE S3000 utilizes tamper-proof smart card technology—the industry-standard technology in today’s financial and mobile industries—for key management and device authentication. The smart card securely generates and stores the cryptographic key used to encrypt and decrypt a user’s stored data. The smart card’s mandatory password authentication process blocks access to the Lexar JumpDrive SAFE S3000 after a set number of password attempts is exceeded, which forms a key part of the defense against brute-force password guessing attacks.

The Lexar JumpDrive SAFE S3000 secures data via an onboard hardware cryptographic controller that utilizes the Advanced Encryption Standard (AES) 256-bit technology adopted by the federal government. The hardware-based encryption is performed on the fly with no negative impact to drive performance. The controller also uses an isolated memory space within itself, which eliminates the risk of access by unauthorized processes external to the flash drive.

The Lexar JumpDrive SAFE S3000 is designed to last for years. The outer casing is designed with composite metal for protection against physical damage.

Capacities:

- 2GB, 4GB, 8GB, 16GB

Product specifications:

Read/write performance:

- Up to 30MB/s Read* and 8MB/s Write*

Dimensions:

- 75mm x 25mm x 14mm

Weight:

- 48grams

Security standard:

- Gemalto .NET smart card

Data encryption:

- Onboard 256-bit AES CBC hardware encryption
- 256-bit encryption key
- Chain Block Cipher (CBC) mode

Power indicator:

- LED one color (blue)

Temperature range:

- Operating temperature: 0° to 60°C (32° F to 140° F)
- Storage temperature: -20°C to 85°C (-4° F to 185° F)

Vibration:

- 147 m/s² peak amplitude
- 10 to 2,000 Hz, 20 min. sweep, 12 cycles per axis, 36 cycles for 3 axes.

Shock:

- Acceleration = 490 m/s² (50G)
- Semi-sine wave, velocity change = 3.44 m/s (11.3ft/s)

System requirements:

- Microsoft® Windows® 2000 SP4 or higher
- Microsoft Windows XP SP2
- Microsoft Windows Vista®
- Microsoft Windows 2003, 2008 Server
- Mac OS® X 10.3.9 or higher (Intel-based Mac® computers only)

Standards and certifications:



Simple and convenient interface

The Lexar® JumpDrive SAFE S3000 features an intuitive interface appropriate for every user. Users simply enter a password to unlock the secure memory partition and access protected files—once authenticated, the Lexar JumpDrive SAFE S3000 quickly and automatically encrypts/decrypts all files on the fly as they are saved to/read from the secure memory partition. These operations are performed without additional user interaction, making them simple and transparent.

The Lexar JumpDrive SAFE S3000 interoperates on multiple operating systems to effectively protect information across different platforms. It runs automatically when connected to a PC with compatible Windows® operating system, and fully supports Mac OS® X 10.3.9 operating system and higher (Intel-based Mac® computers only). In addition JumpDrive SAFE S3000 works with many of the industry's leading end point security solutions.

Users can easily and safely extend their data availability with this truly portable storage solution without worrying about installation, setup and the associated privileges. IT administrations will benefit from a solution that requires no external drivers or software setup, meaning deployment is quick and efficient, ultimately saving organizations time and money.

Furthermore, the Lexar JumpDrive SAFE S3000 is fully supported by the Token Lifecycle Manager (TLM), a web-based device management system. Here, users can enroll their devices and perform services such as secure firmware and software updates, recovery from lost password situation, or block a lost drive with an easy-to-use browser-based interface.

Contact information

Visit www.lexar.com/enterprise for more information.

To contact a Lexar sales representative, e-mail enterprise@lexar.com

*Speeds based on internal testing. Actual performance may vary.

Actual usable memory capacity may vary. 1GB equals 1 billion bytes.

Security safeguards, by their nature, may possibly be circumvented. Lexar does not guarantee the product will be 100% resistant to all possible attacks.

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