



Rocstor DataSecure FX5

*FIPS 140-2 Level 3 Validated Portable Encrypted Flash Drive**

Ultimate Data Protection. Rugged. Reliable. Secure.



Ultra-Secure Portable Storage for Critical Data

The Rocstor DataSecure FX5 is an encrypted USB flash drive built for professionals who demand high-level data protection. Featuring real-time XTS-AES 256-bit hardware encryption and FIPS 140-2 Level 3 validation (cert. #3522), the FX5 offers uncompromising security in a compact, rugged design. A built-in wear-resistant keypad enables secure PIN authentication while eliminating pattern recognition risks from repeated use. Available in 32GB, 64GB, 128GB, and 256GB capacities.

Government-Grade Security Standards

Validated to FIPS 140-2 Level 3, the DataSecure FX5 extends protection beyond just the encryption chip. The entire device—including internal components, fasteners, and epoxy-sealed logic—has been engineered to resist physical tampering. Whether you're securing government, enterprise, healthcare, or personal data, the FX5 delivers defense that exceeds U.S. federal cybersecurity requirements.

Brute-Force Defense and Environmental Protection

Advanced anti-hacking features protect your data from unauthorized access. After 10 incorrect PIN attempts, the encryption key is securely erased, making the stored data unrecoverable. IP68-rated for water and dust resistance, the FX5 performs reliably in harsh environments—whether on-site, in transit, or in field operations.

Cross-Platform Compatibility with Built-In Data Erasure

The DataSecure FX5 operates without software or drivers, working seamlessly across Windows, macOS, Linux, and other USB-supported systems. For secure repurposing or disposal, the FX5 follows NIST SP-800-88 guidelines, allowing users to perform full drive resets that permanently destroy all stored data and encryption keys. Designed with robust materials and advanced safeguards, the FX5 is a complete solution for mobile data security. Backed by Rocstor's 2-year limited warranty and lifetime technical support.

Key Features:

- Available in 32GB, 64GB, 128GB and 256GB
- FIPS 140-2 Level 3 Certified and Protected by Real-Time XTS-AES 256-bit Hardware Encryption for Maximum Data Security
- Tamper-Resistant, Wear-Resistant Keypad with PIN Access to Prevent Unauthorized Entry and Pattern Recognition
- Brute-Force Protection Automatically Wipes Encryption Key After 10 Consecutive Failed Login Attempts
- NIST SP-800-88 Compliant Data Erasure Capabilities with Optional Admin PIN Recovery for Added Control
- IP68 Rated for Complete Protection Against Water, Dust, and Environmental Extremes During Field Use
- Rugged, Tamper-Evident Housing Made from Aircraft-Grade Aluminum for Long-Term Durability and Physical Security
- 100% Software-Free, OS-Independent Operation Compatible with Windows, macOS, Linux, Embedded, and Medical Systems
- Advanced Security Features Including Inactivity Auto-Lock, Read-Only Mode, and Compatibility with Printers and Scanners – Backed by Rocstor's 2-Year Limited Warranty

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Technical Specifications:

General Information	
Brand	Rocstor
Manufacturer	Rocstor
Manufacturer Website	http://www.rocstor.com
Manufacturer Part Numbers	E82014-B1, E82016-B1, E82018-B1
Package Quantity	1
Product Line	DataSecure
Product Name	Rocstor DataSecure FX5 Encrypted USB Flash Drive
Product Type	Encrypted Flash Drive
Product Information	
Capacity	Available in 64GB, 128GB and 256GB
User Authentication	Via Onboard Keypad
Security Validation	FIPS 140-2 Level 3 validated
Encryption	Real-time, military-grade XTS-AES 256-bit full-disk hardware encryption
Data Transfer Speed	Reads up to 130 MB p/ second; writes up to 118 MB p/ second
Complete Drive Reset (Safe Erase)	Erases all data after 10 consecutive, incorrect PIN entry attempts
Roles/Permissions	1 Admin, 1 User
Read Only Mode	Yes
Immune to Bad USB	Yes; firmware updates not allowed
OS Compatibility	Windows, MacOS, Linux, Chrome, Thin Clients, Embedded Systems, VMware, Citrix (no software or drivers needed)
Inactivity Auto-lock	Predefined times between 1 and 60 minutes
Physical Specifications	
Physical Protection	Protected with epoxy compound to prevent physical access to the device through tampering.
Interface	USB 3.0/3.1 gen1/3.2 gen1
Dimensions & Weight	With Sleeve HWL: 3.07 x 0.8 x 0.4 in (78.9 x 20.5 x 10.5 mm) 0.22 lb (99 g) Without Sleeve HWL: 3.03 x 0.8 x 0.4 in (77.6 x 20.5 x 10.5 mm) 0.52 lb (235 g)
Material	Aluminum
Fan Cooled	No
Impact Resistance	No
Environmental Resistance	No
Power Source	Bus Powered
Miscellaneous	
Regulatory Approvals:	RoHs, FCC, CE, FIPS 140-2 Level 3
Warranty:	Rocstor's 3-year limited warranty



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