



DATALOCKER DL450 FE ENCRYPTED DRIVE

FIPS 140-3 Level 3 Validated* Encrypted Drive With Smart Card Authentication*



RUGGED, TAA-COMPLIANT ENCRYPTED STORAGE

The DataLocker DL450 FE is built for organizations that require the highest levels of portable data protection with streamlined, credential-driven authentication. Featuring AES-XTS 256-bit hardware encryption, onboard key generation, FIPS 140-3 Level 3 validation*, and TAA-compliant security, the DL450 ensures sensitive data remains protected everywhere it goes.

Designed for enterprise and government security, the DL450 supports password and biometric login (Windows Hello® and Touch ID®), as well as smart card authentication* (CAC, PIV, and YubiKey PIV) for strong, identity-based access control.

The DL450 delivers instant certified data erasure**, advanced brute-force defenses, and full lifecycle governance through SafeConsole® remote management*. With extreme durability rated at IP67, it performs in harsh field environments while maintaining uncompromising compliance and control.

Available in Standard and Managed* editions, the DL450 supports standalone security or full centralized management to meet stringent regulatory requirements.



Powerful Encryption Right Out Of The Box

- AES-XTS 256-bit hardware encryption
- Encryption keys generated securely onboard
- Enforced encrypted-only storage
- Hardware-based brute-force password protection



Never Risk Losing Your Data

- Cryptographic zeroize for rapid sanitization
- Brute-force response protections to automatically respond to repeated authentication failures
- Rugged IP67-rated durability for field and mission use

Remotely Manage & Audit Your Entire Fleet

With SafeConsole®, organizations gain centralized control over secure portable storage—without adding complexity for end users.

- Automated device and user inventory
- Authentication policy enforcement, including smart card-only access
- Remote password reset and recovery workflows
- Remote device actions for lost or compromised drives
- Comprehensive audit logs for compliance and governance

* The DL450 FE is a form-factor variant of the DL4 FE and uses the same FIPS 140-3 Level 3 validated cryptographic module architecture as the DL4 FE. DL450 FE validation and certificate update is planned.

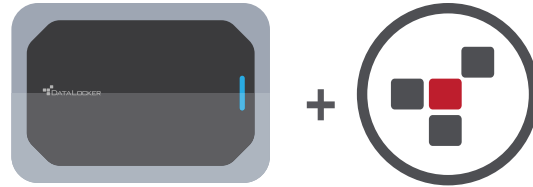
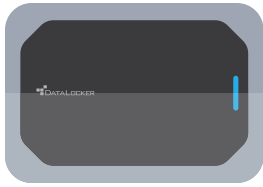
* Requires SafeConsole license (sold separately)

** Requires a Certified Data Erasure license (sold separately)



Get a Custom Demo

datalocker.com | sales@datalocker.com



DATALOCKER DL450 FE STANDARD

The DL450 FE Standard delivers standalone, government-grade encryption for portable deployments.

- FIPS 140-3 Level 3⁺ validated hardware encryption
- AES-XTS 256-bit encryption with onboard key generation and cryptographic erasure
- Rugged enclosure with IP67 durability
- Password-based authentication with brute-force protection and biometric authentication support via Windows Hello[®] and Touch ID[®]
- Ideal for high-security standalone use without centralized management

DATALOCKER DL450 FE MANAGED (MANAGED WITH SAFECONSOLE[®])

Get all the same capabilities as the Standard edition—plus enterprise-grade remote management and compliance automation*.

- Centralized security policy configuration
- Remote password reset and administrative recovery
- Fleet-wide audit reporting and lifecycle visibility
- Certified erasure certificates** of cryptographic erasures for compliance records
- Optional smart card-only authentication enforcement at scale



TECHNICAL SPECIFICATIONS

CAPACITIES

SSD: 1TB, 2TB, 4TB, 7.6TB, 15.3TB

HDD: 1TB, 2TB

DIMENSIONS

L: 123mm

W: 77mm

H: 21mm

WEIGHT

~8.3 oz / ~234 g

PHYSICAL SECURITY

Kensington Security Slot™

Epoxy coated internals and robust enclosure

CRYPTOGRAPHIC PROCESS

FIPS 140-3 Level 3 validated, Certificate #5091 (DL4 variant*)

AES 256-bit XTS hardware encryption onboard

Integrates a Common Criteria EAL 5+ certified secure microprocessor

TEMPERATURE

Operating: 0°C to 60°C

Storage: -20°C to 60°C

INTERFACE

USB-C on the device, compatible with USB 3.2, USB 2.0 (7.6TB drives & under)

15.3TB requires USB Type-C (15W+) - to use on hosts with USB A, a powered USB-A hub with USB-C ports is required. (USB-C to USB-A cable with USB-C adapter included)

AVERAGE TRANSFER SPEEDS

SSD version USB-C 3.2: 250 MB/s read, 250MB/s write

HDD version USB-C 3.2: 150 MB/s read, 100MB/s write

Instantly sanitize the DL450 storage media with cryptographic erase (NIST SP 800-88) in seconds**.

STANDARDS AND CERTIFICATION

FIPS 140-3 Level 3 Validated*

TAA Compliance

NATO-trusted supply chain IP67 Certified

DEVICE LANGUAGES

English, French, German,

Spanish, Japanese, Korean, Traditional Chinese, and Simplified Chinese

COMPATIBILITY

Compatible with Windows[®] and macOS[®] (Note: macOS requires a one-time driver installation with elevated privileges. Driver is bundled with on-board software for easy guided setup or can be mass-deployed via network management tools for no end-user impact.)

USB 3.2 Gen 1 compliant and 2.0 compatible.

PART NUMBERS

Standard (optional managed)

DL450-1TB-FE

DL450-2TB-FE

DL450-SSD-1TB-FE

DL450-SSD-2TB-FE

DL450-SSD-4TB-FE

DL450-SSD-7.6TB-FE

DL450-SSD-15.3TB-FE

Managed (forced managed)*

DL450-1TB-FE-M

DL450-2TB-FE-M

DL450-SSD-1TB-FE-M

DL450-SSD-2TB-FE-M

DL450-SSD-4TB-FE-M

DL450-SSD-7.6TB-FE-M

DL450-SSD-15.3TB-FE-M

WARRANTY

3-year limited warranty

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