

Aegis Fortress L3

FIPS 140-2 VALIDATED ENCRYPTED USB 3.0 / 3.1 / 3.2 DRIVE

FIPS VALIDATED 140-2 LEVEL 3 (PENDING)

PORTABLE USB 3.1 / 3.2 INCLUDES DETACHABLE USB TYPE-A AND TYPE-C CABLES

AES-XTS 256-BIT MILITARY GRADE HARDWARE ENCRYPTION

SOFTWARE-FREE SETUP & OPERATION

ONBOARD KEYPAD AUTHENTICATION—SHARES NO CRITICAL SECURITY PARAMETERS WITH HOST

RUGGED AIRCRAFT-GRADE 6061 ALUMINUM ALLOY ENCLOSURE WITH UNI-DIRECTIONAL SNAP-OFF SECURITY FASTENERS AND HARDENED EPOXY THREADLOCK

AGEIS CONFIGURATOR COMPATIBLE

ADMIN AND USER FORCED ENROLLMENT: NO FACTORY-SET DEFAULT PINS

INDEPENDENT ADMIN / USER PINS

DATA RECOVERY PINS

NO ADMIN RIGHTS NEEDED

ADMINISTRATOR MODE

OS AGNOSTIC; COMPATIBLE WITH ANY USB PORT AND OPERATING SYSTEM INCLUDING WINDOWS®, MAC®, LINUX, ANDROID

DRIVE RESET FEATURE

UNATTENDED AUTO LOCK

SELF-DESTRUCT PIN

BRUTE FORCE PROTECTION

TAA COMPLIANT

BUS-POWERED

3-YEAR LIMITED WARRANTY



WORKS WITH:



Our Toughest, Fastest, Most Secure Drive Yet.

Designed and built to COMPLETELY meet NIST FIPS 140-2 Level 3 requirements (pending 1Q 2019) meaning that the *entire* device—the hard drive, electronics, external fasteners, even the enclosure itself—are included within this elevated FIPS validation boundary. The tamper resistant enclosure is milled from a solid block of aircraft-grade 6061 aluminum alloy, snap-off uni-directional security fasteners, and a membrane-style keypad. The Aegis Fortress L3 is the perfect combination of software-free operation, advanced read / write speeds, and the highest level of security and durability.

Military-Grade 100% Hardware Encryption: Featuring AES-XTS 256-bit hardware encryption, the Aegis Fortress L3 seamlessly encrypts all data as it's being written to the drive on the fly, protecting your data even if the hard drive is extracted from its enclosure.

Software-Free Design: The Aegis Fortress L3 is ready to use right out of the box; no software, no drivers, no updates. Completely cross-platform compatible, the L3 excels on any PC, MAC, Linux, or any mass storage compliant system with a powered USB port.

Forced Enrollment: Like all Apricorn Secure Drives, the Fortress L3 has no factory-preset default PIN, thus eliminating the common security vulnerability found in other manufacturer's encrypted drives. With Forced Enrollment, the admin is required to establish a sufficiently complex PIN before the device can ever be set up or used.

Configurable: Create custom profiles and mass configure multiple Aegis devices at once with Apricorn's Aegis Configurator (sold separately).

Onboard Keypad: All PIN entries are performed on the device's keypad making it compatible with systems without keyboards, and shares no critical security parameters with its host computer.

Lock-Override Mode: Designated for specific cases in which the drive needs to remain unlocked, e.g., during reboot, passing the drive through a virtual machine, or other similar situations that would normally prompt our drives to automatically lock. When enabled, Lock-Override Mode allows the L3 to remain unlocked through USB port re-enumeration and will not re-lock until USB power is interrupted or the LOCK button is pressed.

Two Read-Only Modes: Perfect for accessing data on the drive in a public setting to protect against USB viruses. Particularly important in forensics, Read-Only Mode is ideal for applications that require data to be preserved in its original, unaltered state and can't be overwritten or modified. The Fortress has two read-only modes. The first is set within the Admin mode and can only be enabled or disabled with the Admin PIN. The second read-only mode can be set and disabled by anyone with a valid PIN.

Data Recovery PINs: In the case of lost or forgotten User PINs, up to four single-use Data Recovery PINs can be programmed and used to restore access to the data on the drive.

Brute Force Protection: After a predetermined number (programmable; up to 20) of consecutive incorrect PIN entry attempts has occurred, the L3 will conclude that it is under *Brute Force Attack* and will respond by performing a crypto-erase – deleting the encryption key which will render all of the drive's data useless.

Wear-Resistant Keypad - Water & Dust Resistant: Designed with protection in mind, the Aegis Fortress L3's keypad is impervious to dust, grit, and water, and the buttons coated with a durable polymer that defends against surface wear, which could tip off a potential hacker to the drive's most frequently used buttons.

Increased Storage Capacities: 500GB - 5TB in HDD models; 500GB - 16TB in SSD models.



Aegis Fortress L3

FIPS 140-2 LEVEL 3 ENCRYPTED USB 3.0 / 3.1 / 3.2 DRIVE WITH INTERCHANGEABLE TYPE-A AND TYPE-C CONNECTOR CABLES



Security	Benefits
Onboard Wear-Resistant Keypad for Authentication	Membrane type keypad authenticates and unlocks the Fortress L3 with your own unique 7 to 16 digit PIN, further preventing brute force access to the drive's data
Real-time 256-bit AES-XTS Hardware Encryption	100% of your data is hardware-encrypted on-the-fly with military-grade, full-disk AES XTS encryption
Software-Free Operation	Onboard keypad authentication and setup; shares no critical security parameters with host
Separate Administrator and User Modes; 1 Admin / 1 User	Allows enrollment of one Administrator PIN to set parameters for drive management, Read-Only, Auto-Lock, Self-Destruct, Lock-Override, and Brute Force; One User PIN
Forced-Enrollment / User Forced Enrollment	With no default factory preset PINs, the Admin is required to create a unique PIN at setup prior to use; forced enrollment feature can also be extended to User PIN before first use
Programmable Minimum PIN length	For added PIN length and enhanced security, minimum PIN length requirement can be increased from 7 characters up to 16 maximum
Tamper Resistant Enclosure	Milled 6061 Aircraft-Grade Aluminum Alloy with Uni-Directional Snap-Off Security Fasteners
Features	Benefits
(2) USB 3.1 / 3.2 Cables	2 Super Speed USB 3.0 / 3.1 / 3.2 cables (backwards compatible with USB 1.0 / 2.0) with Type-A and Type-C Connectors
Aegis Configurator Compatible	Multiple Fortress or other Aegis Configurator compatible devices can be configured at the same time in a matter of seconds with pre-set device profiles.
Advanced Options / Modes	2 Read-Only Modes, Lock-Override Mode, Self-Destruct PIN
LED Flicker Button Confirm	Indicates positive button entry with visual LED confirmation
Recovery PINs	4 one-time use PINs to recover data in cases of lost or forgotten User PINs
Unattended Auto Lock	Automatically locks after a predetermined amount of time or interruption of USB hub power
Programmable Brute Force Protection	Program the number of incorrect PIN entries allowed; defends against grand-scale automated and physical attempts to guess the PIN
Drive Reset Feature	Infinite number of resets; performs a crypto-erase with new encryption key regeneration
Compatible on any system	Software-free operation; works on Windows, Mac, Linux, Android, Symbian, or any mass storage compliant system with a powered USB port
Hard Drive Capacities	HDD: 500GB, 1TB, 2TB, 3TB, 4TB, 5TB SSD: 512GB, 1TB, 2TB, 4TB, 8TB, 16TB
Box Contents	Aegis Fortress L3, Quick Start Guide, USB A Cable, USB C Cable, and Travel Pouch
Specifications	
Interface	Super-Speed USB 3.0 / 3.1 / 3.2 (Backwards compatible with USB 2.0) Type A and Type C
Power Supply	100% bus powered
Buffer Size	8MB
RPM	Available with either a Standard 5400 RPM hard drive or SSD
Average seek time	12 ms
Shock	650G 1ms (non operating) 300G 2ms (operating)
Dimensions	500GB , 1TB, 2TB models: 16.5mm X 77mm X 122mm (0.65" X 3.0" X 4.8") 3TB, 4TB, 5TB, 8TB 16TB models: 24.5mm x 77mm x 122mm (0.97" X 3.0" X 4.8")
Weight	HDD 500GB - 2TB: 9.6oz; 3TB - 5TB: 13.7oz SSD 512GB - 4TB: 7.6oz; 8 TB - 16TB: 11.9oz
Warranty	3-year limited
Approvals	FIPS 140-2, Level-3 (Pending)
System Requirements	OS Agnostic: Windows, Mac® OS, Linux, Android, Symbian
Ordering Information	Apricorn Part Number: AFL3-xxxxx (xxxxx=drive capacity, e.g., 16TB = AFL3-S16TB)

*One gigabyte (GB) = one billion bytes; accessible capacity will be less and actual capacity depends on the operating environment and formatting.

For more information on **Aegis Fortress L3** www.apricorn.com or call 1-800-458-5448

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