

Aegis Padlock SSD



FIPS 140-2 ENCRYPTED USB 3.0 SOLID STATE DRIVE

PC/Mac compatible
Super Speed USB 3.0

SECURE STORAGE - FIPS VALIDATED 140-2 LEVEL 2
Hardware Encrypted USB 3.0 Super Tough Solid State Drive

REAL-TIME HARDWARE ENCRYPTION
AES-XTS 256-bit encryption seamlessly protects
100% of the data on the SSD

SOFTWARE FREE INSTALLATION & OPERATION
No software required...Period!

NO ADMIN RIGHTS NEEDED
Makes corporate deployment a breeze

DUST & WATER RESISTANT

INTEGRATED SUPER SPEED USB 3.0 CABLE

ADMINISTRATOR FEATURE
Supports Admin PIN and 4 unique
User PINs (7-16 digits in length)

COMPATIBLE WITH ANY USB
PORT AND OPERATING SYSTEM
Windows®, Mac®, Linux

BUS-POWERED
Low power design never
requires an AC Adapter

DRIVE RESET FEATURE

UNATTENDED AUTO LOCK
& SELF DESTRUCT PIN

BRUTE FORCE
PROTECTION

TAA COMPLIANT /
GSA DISCOUNTS

3-YEAR
WARRANTY



Aegis Padlock FIPS 140-2 Solid State Drive

Where super tough meets ultra secure you'll find Apricorn's Aegis Padlock SSD. Boasting a crush resistant, aluminum enclosure that is water resistant and impervious to dust and grit, this secure solid state USB 3.0 drive is as tough as they come. With no moving parts, this drive is drop and vibration resistant, unaffected by high humidity and works in extremes of temperature. Invincible to key logging attacks, you access the drive with your own unique PIN via an onboard keypad. Certified to NIST FIPS 140-2 Level 2 requirements, this drive is tested on 11 cryptographic levels. All data on the drive is protected with real-time hardware AES-XTS 256-bit encryption, and with no software required for installation or operation this drive needs no admin rights. Combine this with a USB 3.0 integrated cable and SSD performance, and you have one powerful drive.

FIPS 140-2 Level 2 Validated: The Aegis Padlock SSD FIPS 140-2 validation is the cryptography standard required by the US federal government for protection of sensitive data. It covers 11 areas of its cryptographic security system, including physical security, cryptographic key management and design integrity.

Military Grade Encryption: Featuring AES-XTS 256-bit hardware encryption, the Aegis Padlock seamlessly encrypts all data on the drive in real-time, keeping your data safe even if the hard drive is removed from its enclosure.

Software Free Design – With no admin rights to contend with: Setup takes just minutes. With no software installation required for setup or operation and the ability to run on any platform, the Aegis Padlock provides stress free deployment in corporate environments. Its Administrator feature allows enrollment of up to four unique user ID's and one administrator, making it a useful business collaboration tool.

Data at Rest Protection: All data, PINs, and encryption keys are always encrypted while at rest.

Drive Reset Feature: The Aegis Padlock also employs a useful drive reset feature, which can be implemented with a unique command. This clears all PINs and data, and creates a new randomly generated encryption key, enabling the drive to be reset and redeployed as many times as needed.

Auto Lock feature and Self Destruct PIN: With the Aegis Padlock SSD you can set the unattended drive to lock after a pre-determined amount of time. In addition you can pre-program your own unique Self Destruct PIN which, once implemented, instantly destroys all PINs, data and creates a new encryption key.

Brute Force Protection: The Aegis Padlock uses a three pronged approach to protect against a Brute Force attack. The first step is to deny access to the drive until the drive can verify the user PIN. After several incorrect attempts the drive will lock itself, requiring the drive to be plugged in again to input a PIN. This feature blocks automated attempts to enter PIN numbers. Lastly, after a predetermined number of failed PIN entries, the Padlock assumes it is being attacked and will destroy the encryption key and lock itself, rendering the data useless and requiring a total reset to redeploy the Padlock.

Wear Resistant Key Pad - Water & Dust Resistant: Designed with protection in mind, the Aegis Padlock's 'wear resistant' keypad and case is impervious to dust, grit and water, and hides key usage to avoid tipping off a potential hacker to the commonly used keys.

Integrated USB 3.0 Cable: With super fast data transfers up to 300MB/s you need never forget your cables again.



Aegis Padlock SSD

FIPS 140-2 ENCRYPTED USB 3.0 SOLID STATE DRIVE



Encryption	Benefits
Easy to use keypad design	Unlock the drive with your own unique 7 to 16 digit pin.
Real-time 256-bit AES-XTS Hardware Encryption	Encrypts 100% of your data in real-time and keeps your data safe even if the hard drive is removed from the enclosure
FIPS 140-2 Level 2 Validated	Excellent for government, health care, insurance companies, financial institutions, HR departments and executives with sensitive data
No software installation or Admin Rights required	No software required to setup or operate - making it perfect for corporate deployments
Administrator feature	Allows enrollment of up to four unique user ID's and one administrator, making it a useful business collaboration tool
Single encrypted partition	100% of data on drive encrypted
Features	Benefits
USB 3.0 interface	Super Speed USB 3.0 connection - up to 300 MB/s
Super tough Solid State Drive	With no moving parts, this drive is drop and vibration resistant, unaffected by high humidity and works in extremes of temperature - Freezing temps of 32°F (0°C) and Searing temps of up to 158°F (70°C)
Crush Resistant Case	The enclosure is constructed from durable, light weight aluminum
Water & Dust Resistant	The Padlock SSD keypad and case is impervious to dust, grit and water
Unattended Auto Lock	Set the drive to lock after a pre-determined amount of time
Self Destruct PIN	The Aegis Padlock SSD enables you to program a unique Self Destruct PIN, which when implemented instantly destroys all PINs, data and creates a new encryption key.
Brute Force Protection	Protects against automated attempts to crack the PIN
Drive Reset Feature	The Drive Reset Feature is implemented with a unique command. This clears all PINs and data, and creates a new randomly generated encryption key, enabling the drive to be reset and redeployed as many times as needed
Forced Enrollment	For added protection the Aegis Padlock SSD requires you to create your unique PIN on first use
Compatible on any system	Works with Windows®, Mac® and Linux
Hard Drive Capacities	120GB, 180GB, 240GB, 480GB*
Box Contents	Aegis Padlock SSD, Quick Start Guide, USB Y-cable and travel pouch
Specifications	
Data Transfer Rates	USB 3.0 - up to 300 MB/s
Power Supply	100% bus powered
Interface	Super Speed USB 3.0 (Backwards compatible with USB 2.0)
Shock Vibration	Shock 1500G/0.5ms, Vibration 20G/20-2000Hz
Dimensions & Weight	64mm x 82mm x 12.5mm Weight: 3.6oz or 102g
Warranty	3 year limited
Approvals	NIST FIPS 140-2 Level 2 , FCC & CE
System Requirements	Hardware: PC compatible computer with Pentium® CPU or similar, 32MB of RAM, CD-ROM or CD-RW, USB 1.2 or 2.0 or 3.0, Apple® G3 or later Operating systems: Windows® 8, 7, XP or Vista™, Mac® OS 10.2 or greater, Linux
Ordering Information	Apricorn Part Number: ASSD-3PL256-xxxF (xxx=drive size in GBs)

*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 Padlock SSD** and other innovative Apricorn products visit our web site at www.apricorn.com or call 1-800-458-5448
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