

Aegis NVX™

AES 256 Bit XTS Military Grade
Hardware-Encrypted NVMe SSD
with USB 3.2 Gen.2x1 High Speed
Type-C Connector

Maximum Data Security at Breakneck Speeds.

The next generation of Aegis Secure Drives incorporates all of the upper level security features you've come to expect from Apricorn with a patented proprietary NVMe architecture to deliver 256-bit hardware encryption at transfer speeds of up to 1000Mb/s.

Speed, Action.

Finally an encrypted hard drive that can keep up with your HD Camera's fastest frame speeds. As footage is being recorded, it's also being encrypted on its path to storage at speeds of up to 1000Mb/s. And with 5 available PINs, access to the device's contents is automatically limited to those who are authorized within the workflow. From camera to post, Aegis NVX delivers the ultimate combo of speed and content security at all stages of production.

Built for Anywhere.

The Aegis NVX is made to go wherever you do. Smaller than most smartphones, the NXT fits right into your workflow, from your pocket, media case, backpack, and most media storage cradles. Extreme temperatures, rugged terrains, and hard knocks are what it's made for. Available in 500GB, 1TB, and 2TB capacities, the NVX ships with a molded protective case (not that it needs one) and a C-to-C extension cable.

Serious Materials.

The crush-resistant enclosure is milled from solid 6061 aircraft-grade aluminum alloy, with stainless breakaway fasteners and a new moisture resistant rubberized keypad. Inside, the components are further protected with hardened epoxy potting. The rugged integrated USB 3.2 Gen.2x1 type-C connector cable securely tucks away when not in use.

No Software, No Prob.

Apricorn's unique hardware based approach delivers the highest levels of data security and workflow compatibility. Like all Aegis secure drives, the NVX is software-free and hardware-encrypted, making it completely cross-compatible. 100% of its authentication and encryption processes take place within the device itself.





Aegis NVX™

NVMe SSD with AES 256-Bit XTS Hardware-Encrypted USB 3.2 Gen-2 10Gbps with USB Type-C Connector
Milled from a Solid Block of Aircraft Grade Aluminum with Breakaway Connectors and Epoxy Threadlock
Wear-Resistant Membrane Style Keypad / 10k Press Tested
Software-Free / Locked-Down Firmware to Prevent Introduction of Malware Such as BadUSB

aegisware Our patented firmware delivering the industry's most advanced feature set- the heart and soul of every Apricorn device.

Separate Admin and User Modes / PINs

Admin (Device Configuration) Mode and User Access Mode. The Admin mode controls the universal programmable settings of the device and can only be accessed with the Admin PIN. The User mode is for general external drive usage like read /write, unlock / lock, and certain other functions. The User mode is accessible via a User PIN or the Admin PIN. Up to four User PINs may be enrolled.

Admin Forced Enrollment

Eliminates factory default PIN vulnerability by forcing the enrollment of an Admin PIN prior to use. As with all Apricorn Aegis secure devices, there are no default passwords, and no backdoors. In order to use any Apricorn secure drive, the Admin must first establish a complex PIN.

User Forced Enrollment

Beyond the admin PIN, one additional PIN can be generated to access the device's data. This User PIN can be set up by the admin at initial setup, or the device can be deployed in a state of User Forced Enrollment, allowing the user to establish his or her own PIN prior to use.

Data Recovery PINs

Programmed by the admin at time of setup to permit regaining access to the drive by creating a state of User Forced Enrollment in which a new User PIN can be created without affecting the drive's existing data or the Admin PIN.

Two Read-Only Modes

Universal Read Only: set by the admin from within the admin mode and can't be modified or disabled by anyone but the admin. The second (User) mode can be set and disabled by a user but can also be enabled or disabled by the admin.

Programmable PIN Length

Admin Designates Minimum and Maximum PIN Lengths (between 7 and 16 Characters). The longer the PIN, the more secure the data on the device becomes. For example, the odds of brute force success go from 1/10,000,000 with a 7-digit PIN to 1/100,000,000 with an 8 digit PIN. In cases where the User sets up his or her own PIN from User Forced Enrollment, the Admin can still affect User password length requirements

Unattended Auto Lock

Programmable Length of Time of Inactivity Permitted Before Drive Locks Itself. All Aegis Secure Drives will automatically lock once disconnected from a computer's USB port or the power to that USB port is interrupted, or after a pre-programmed period of inactivity.

Lock Override

Allows Drive to Remain Unlocked During USB Port Re Enumeration (Virtual Machine, Remote Boot). Designated for specific cases in which the drive needs to remain unlocked through USB port re-enumeration such as during reboot, or passing through a virtual machine.

Self-Destruct PIN

When Programmed and Activated, Performs a Crypto-Erase and Becomes New Access PIN. The last line of defense for data security when the device's physical security is at risk. The Self-Destruct PIN defends against these physically compromising situations by erasing the drive's contents, leaving it in normal working order appearing yet to be deployed

Brute Force Defense

Programmable Number of Consecutive Invalid PIN Attempts Permitted (4-20) Before Crypto-Erase. If the device comes under a physical brute force attack, once the programmed number (between 4 and 20) of consecutive incorrect password entries has been attempted, the device will delete its own encryption key and destroy the ability to decrypt its stored data.

Provision Lock

Patented setting where the admin can designate whether the device will permit itself to be reset by a User or after a brute force attempt. If Provision Lock is enabled, any attempt at complete reset will "brick" the device for good.

TECHNICAL SPECIFICATIONS

CAPACITIES

NVMe SSD: 500GB, 1TB, 2TB

TRANSFER RATE

NVMe SSD: up to 1000MB/s*

INTERFACE

USB 3.2 GEN. 2x1 TYPE C 10Gbps

DIMENSIONS and WEIGHT

67mm x 120mm x 15mm | 184.27g
2.63" x 4.72" x 0.59" | 6.5oz

POWER SUPPLY

100% bus powered

OPERATING TEMPERATURE RANGES

-40° to 158°F (-40°C to 70°C)

OPERATING HUMIDITY RANGES

95% @ temps under 131°F (55°C)

CRUSH RESISTANT

up to 6500 LBS

SHOCK SSD

NON-OPERATING: 1500G .5ms

OPERATING: 1500G .5ms

WARRANTY

3-Year Limited

SYSTEM COMPATIBILITY

WINDOWS, MAC OS, LINUX, ANDROID, CITRIX
any that supports a USB mass storage device

SKU NUMBERS

NVMe SSD: APNVX-500, APMVX-1TB, APNVX-2TB

ECCN / HTS / CAGE CODE

5A992.c / 8523.51.0000 / 3VYK8

STANDARDS / CERTIFICATIONS

IP-67

TAA COMPLIANT



PACKAGE CONTENTS

Aegis NVX, C-TO-C Extension Cable
Multi-Language Quick-Start Guide



* To achieve these speeds, your computer's internal harddrive must also be an SSD; all transfer rates will be limited by computer's internal HDD
One gigabyte (GB) = one billion bytes; accessible capacity will be less and actual capacity depends on the operating environment and formatting.

