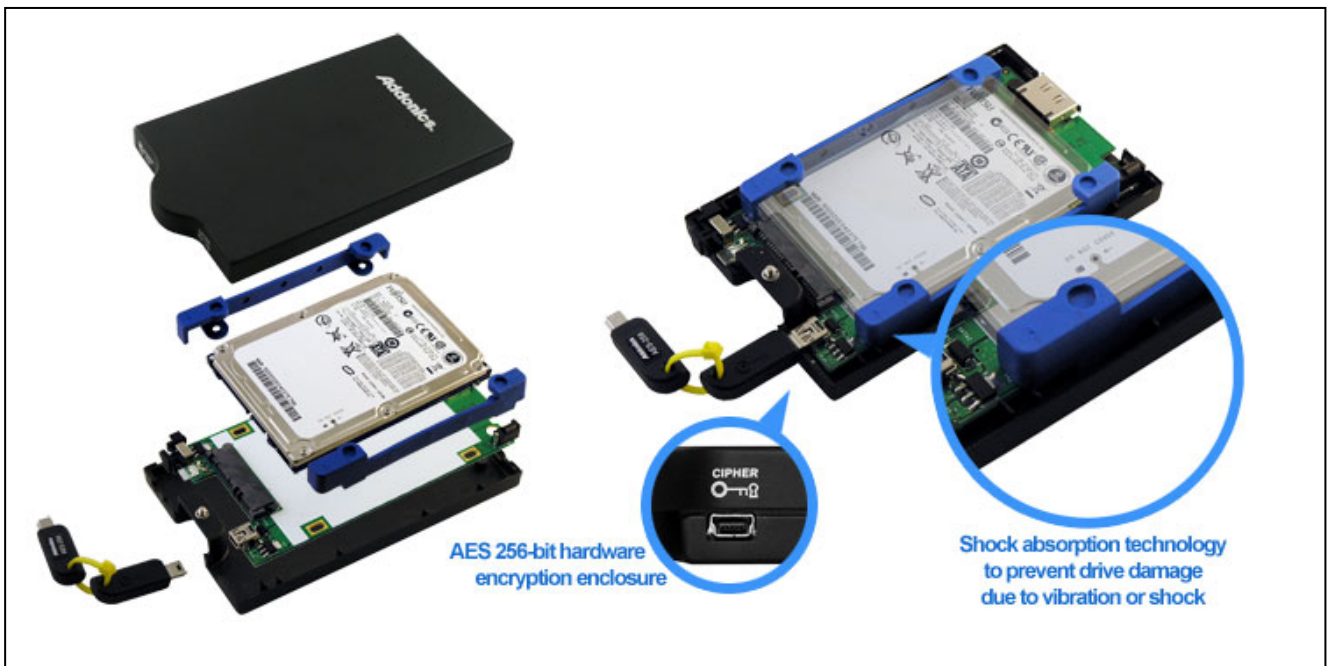




The Ruby Cipher ExDrive Kit (RCED) features the new generation of eSATA hard drive enclosures with the 256-bit AES hard encryption to ensure absolute data security should the drive get stolen or lost. The crypto engine inside the Ruby Cipher enclosure handles all the encryption and decryption on the fly with no detectable performance degradation on data transfer. Using native eSATA interface, the Ruby Cipher ExDrive supports the highest performance possible today through an externally connected hard drive enclosure.


The RCED features the new generation of eSATA hard drive enclosures using native eSATA interface for the highest performance possible today through an externally connected hard drive enclosure. Designed for accommodating any standard 2.5" SATA or SATA II hard drive, the RCED provides data transfer speeds approximately three times the maximum throughput of traditional drive enclosures utilizing the standard USB or Firewire interfaces. When connected via eSATA interface, drives contained inside the durable and heat resistant Ruby Cipher enclosures are even capable of booting Operating Systems through a compatible eSATA port on a motherboard or add-in card. The shock absorption technology in the drive enclosure together with a rugged anodized housing also provides strong protection to the hard drive against drop and vibration.

The RCED is the ideal external drive solution for large capacity data storage requirements. When connected to Host Controllers with RAID capability, multiple Ruby Cipher enclosures can be implemented with fault-tolerance and increased data throughput RAID configurations. The Ruby Cipher enclosure, small enough to fit easily in the palm of your hand, is designed to handle shocks and perform reliably in mobile application or rough environment with a patented shock proof rugged anodized aluminum housing. The Ruby Cipher drive enclosure comes with Addonics SATA direct interface design that provides an eSATA connector for high speed eSATA interface, as well as an additional SATA connector on the back. This SATA connector allows the Ruby Cipher drive enclosure to be used as a removable cartridge via an optional Ruby Cipher drive cradle installed inside the 3 1/2" drive bay of any computer.



Product features

Encryption features (for Ruby Cipher only)

- Full disk encryption via a hardware-based NIST & CSE certified cryptographic AES engine
- High performance - Data is encrypted and decrypted on the fly by a certified cryptographic engine inside an ASIC without taking any CPU resources
- Encryption / Decryption via a hardware key  , just like using a regular key to open a door.
To enable the encryption and access the drive, simply insert the Cipher key into the keyhole of the Ruby Cipher enclosure prior to turning on the power.
- Simple to deploy with no training required, no software to install and no password to remember
- Platform independency - There is no software or driver to install to use Addonics encryption products. As a result, it can be deployed in any systems running any OS. This is important in organization with multi platform computing and legacy systems

Drive Enclosure features

- Stylish and rugged black anodized aluminum
- Compact size - fits inside a pocket
- Light weight
- Shock proof - up to 3 feet drop damage protection for the hard drive
- Compatible with any 2.5" SATA 1.5Gbps or SATA 3.0Gbps hard drive with height of 10 mm or less
- Compatible with 2.5" SATA SSD or Addonics SATA CF hard disk adapter (ADSAHDCF)
- eSATA connector for external eSATA connection
- Optional eSATA - USB 2.0 Adapter to connect through USB 2.0 connection
- Optional eSATA - USB 3.0 Adapter to connect through USB 3.0 connection
- Regular SATA connector for use as an internal hot-swap removable hard drive in a 3 1/2 " drive bay with optional Ruby Cipher Drive Cradle
- Hard drive connectors are isolated by a SATA direct bridge from wear and tear in removable drive application
- Support large hard drive beyond 137G with single partition.
- No interface cabling between drive and enclosure for reliable connection.
- LED for both power and drive access
- OS support in external hard drive mode
 - eSATA - DOS, Windows 95, NT(SP6), 98SE, Me, 2000, XP, Vista, Win7, Mac, Linux and Solaris
 - USB - Windows 98SE, Me, 2000, XP, Vista, Win7, Mac, Linux and Solaris