

INTRODUCTION

The Addonics 1:1 HDD Duplicator PRO is one of the most powerful hard drive copying tools that you can find in the market. Operating stand-alone without any computer or special software, any type of 2.5" or 3.5" hard drive or SSD can be duplicated onto any 2.5" or 3.5" hard drive or SSD that has either SATA or IDE interface. With the addition of an optional Diamond Cipher drive enclosure, the exact content on any hard drive or SSD can be quickly copied onto a 3.5" or 2.5" SATA drive with bullet proof AES-256-bit hardware encryption. Such flexibility makes this HDD Duplicator PRO a perfect tool for any organization that has a wide mix of hard drives in various form factors and interface and for quick transfer of OS or data onto different type of hard drives. The HDD 1:1 Duplicator PRO is also simple to use and operate. Just open the doors on the two drive bays, load your master hard drive to the drive bay on top and another hard drive of capacity equal or larger than the master drive to the bottom drive bay, turn the key lock to the lock position and push the start button to start the copying process.

Besides the duplicating function, the Addonics duplicator is also a convenient drive sanitization tool to wipe clean any sensitive data stored on the hard drive. You can sanitize both source and target drives all at one time using the SECURE ERASE or the OVERWRITE function up to 7 passes to meet the DoD standard.



Supported drive copying options

From source	To target	HDUSI325-B
3.5 SATA HDD	3.5" SATA HDD	Yes
3.5" SATA HDD	3.5" IDE HDD	Yes
3.5" SATA HDD	2.5" SATA HDD/SSD	Yes
3.5" SATA HDD	2.5" IDE HDD/SSD	Yes
3.5" IDE HDD	3.5" SATA HDD	Yes
3.5" IDE HDD	3.5" IDE HDD	option (see note 1 below)
3.5" IDE HDD	2.5" SATA HDD/SSD	Yes
3.5" IDE HDD	2.5" IDE HDD/SSD	option (see note 1 below)
2.5" SATA HDD/SSD	3.5" SATA HDD	Yes
2.5" SATA HDD/SSD	3.5" IDE HDD	Yes
2.5" SATA HDD/SSD	2.5" SATA HDD/SSD	Yes
2.5" SATA HDD/SSD	2.5" IDE HDD/SSD	Yes
2.5" IDE HDD/SSD	3.5" SATA HDD	Yes
2.5" IDE HDD/SSD	3.5" IDE HDD	option (see note 1 below)
2.5" IDE HDD/SSD	2.5" SATA HDD/SSD	Yes
2.5" IDE HDD/SSD	2.5" IDE HDD/SSD	option (see note 1 below)
2.5"/3.5" IDE or SATA HDD/SSD	2.5" or 3.5" SATA hard drive/SSD with AES 256-bit encryption	option (see note 2 below)
2.5" or 3.5" SATA hard drive/SSD with AES 256-bit encryption	2.5"/3.5" IDE or SATA HDD/SSD	option (see note 2 below)

Note:

requires additional Diamond IDE drive enclosure (model: DICSB) for 3.5" IDE hard drive. For additional support of 2.5" IDE hard drive, please also add the 2.5" - 3.5" connector converter (model: AA25IDE35)
 requires additional Diamond Cipher drive enclosure (model: DCSACS256)

FEATURES

- Copy any 2.5" or 3.5" hard drive / SSD to any 2.5" or 3.5" hard drive / SSD
- Great for cloning hard drives, making back up hard drives, system upgrade and data distribution
- Support any type of file format
- Typical copying speed¹ ~ 85 MB/sec
- Drive can be mounted onto removable drive enclosure without special tool
- Maximum drive size >4TB
- Source and Destination drives are added or removed like tape cartridges via a removable drive enclosure
- Add AES-256-bit encryption capability to source or target with optional Diamond Cipher drive enclosure (model: DCSACS256) for:
 - Copying data directly onto an AES-256-bit encrypted hard drive for data security
 - As a tool to sanitize used hard drives*
- Drive sanitization:
 - SECURE ERASE - HDD duplicator sends a WIPE command to the hard drive. This command fills 00 string to entire HDD
 - OVERWRITE - One pass, 3 passes and 7 passes 5220.22-M. The duplicator writes a string of pattern over the entire disk one time, three times or seven times. 5220.22-M is the DoD standard for drive sanitization
- LCM control module provides a rich set of robust advanced configuration options (click Full LCD console feature list to see a complete list of this duplicator functions)
- Operate as a stand-alone appliance. No computer or software needed

* Drive Sanitization (limited to SATA hard drive only)

The Diamond Cipher drive enclosure can also be used as a drive sanitization equipment for wiping clean of all previous data on a used hard when used in conjunction with any Addonics Duplicator PRO model:

1. Install the hard drive to be sanitized into the Diamond Cipher drive enclosure.
2. Insert the Diamond Cipher drive enclosure into one of the Diamond target bays
3. Start the copying process using a blank source drive of equal size in capacity as the target drive. Data from the source drive is then written onto the hard drive in the Diamond Cipher drive enclosure with AES-256-bit encryption.
4. Now remove the drive from the Diamond Cipher enclosure. The drive will appear as brand new drive when installed into any computer with no trace of any data. The drive will have to be initialized, partitioned and formatted.

1. The speed here is for reference only. The speed was measured basing on using 3.5" SATA III 250 GB hard drive for both source and target. The transfer rate varies depending on the speed of the source and destination drive

SPECIFICATIONS

- Writing mode: Sector to Sector
- Typical copying speed ~ 85 MB/sec
- Install drives into drive bay via removable drive enclosure
- Stylish clear acrylic exterior
- Light weight and sturdy aluminum construction
- Ventilated side panels for efficient air flow
- Ball bearing high CFM low noise cooling fans
- LCD display with functional control panel
- Integrated 150W 110/240 AC power supply
- Compact size (W x D x H): ~ 8.19 x 11.75 x 8 inch (208 x 298 x 203 mm)
- Weight: ~ 8.3 lb (3.76 kg)
- Operating environment: 0 - 50-degree C, 15% - 90% RH
- Storage environment: (- 20) - (65) degree C, 0% - 95% RH non-condensing