

ZClone®Xi

**Blazing Fast, Multi-Target, Easy To Use
Hard Drive Duplicator**

Who is Logicube?

- **A leading manufacturer of eForensics data capture solutions and hard disk duplication systems Established in 1993**
- **Headquarters in Chatsworth, CA**
- **Products sold in over 80 countries**
- **Customers include DoJ, DoD, DHS, DEA, state/local law enforcement, corporate security organizations, large public and private commercial corporations**



The Logicube Edge

- **Industry-Leading Engineering and Innovation**
 - From inception to implementation a focus on innovative, future-proof design and engineering
 - A staff of 20+ engineers
 - Unique ability to deliver product customization
- **State of the Art Manufacturing** 
 - Logicube delivers **U.S.-made** products that are guaranteed to stand up to the rigors of daily, intensive use
- **Technical Support**
 - An experienced, knowledgeable team of professionals to support you
- **Quality Control**
 - Every product is manufactured under strict quality control guidelines



ZCLONETM *Xi*



Logicube®

ZClone®Xi

The ZCloneXi (also known as ZXi), the next generation hard drive duplicator from Logicube, incorporates all of the advanced enterprise-level features of our popular ZClone solution into a flat-bed design with removable drive stations that our customers have specifically requested



ZXi Features

- **High speed cloning at speeds exceeding 24GB/min***
- **Supports 2.5"/3.5" SATA hard drives, optional support for SAS**
- **Supports USB enclosures and thumb drives**
- **"Flat-bed" design allows users to quickly connect a variety of hard drive types to removable, field-replaceable drive stations**
- **Multi-target cloning. Up to 6 targets (when cloning from a network repository or from a repository stored on an external USB storage enclosure connect to ZXi)**
 - 6 dedicated SATA/SAS (with SAS option) drive stations (1 master, 5 targets)
 - 3 USB 3.0 ports
- **Optional 4 drive expansion kit**
 - Additional 2 SATA/SAS & 2 SATA only drive stations
 - Expands total targets to 9 SATA (7 SAS) when cloning from a master drive and up to 10 SATA (8 SAS) when cloning from a network repository or from a repository stored on an external USB storage enclosure

**Speeds based on 1 to 1 cloning using solid state drives. Speeds will vary depending on type of drives and number of targets.*



ZXi Features

- **Optional adapters available to support IDE, eSATA, microSATA, mSATA, 1.8" IDE and 1.8" ZIF drives**
- **Optional multi-card reader supports flash media via USB port**
- **Supports multiple master drives . Assign any drive station as a master or target drive**
- **Fast drive detection from 5 seconds to 60 seconds (with all drives installed. Detection time is dependent on drive models)**
- **Multi-session capability. Perform multiple tasks including cloning, wiping or hashing concurrently**
- **Network sharing capability; network access (upload/download) to drive images and log files. Features two gigabit ethernet ports**



ZXi Features

- **Supports all O/S including Linux and MAC in Mirror mode**
- **Supports NTFS/FAT16/FAT32 and Linux (ext, ext2, ext3, ext4) file systems in CleverCopy mode**
- **Optional hash verification allows the user to clone and verify the exact replication of the source drive. Users can choose between SHA-1, SHA256 or MD5 Hash methods**
- **Task Macro feature allows users to set specific tasks to be performed sequentially, for example; Task 1= Wipe, Task 2=Clone, Task 3=Hash**
- **Wipe feature. Secure Erase, DoD 7-pass and custom pass setting**



ZXi Features

- **Multiple cloning modes:**
 - Mirror copy (bit for bit copy) supports all O/S including Linux, MAC
 - CleverCopy (copies only data areas, skips blank sectors, scales partitions to target, supports NTFS, FAT16/FAT32)
 - Multi-Image Master: Store multiple images on a network location and clone to selected targets
 - Partition Cloning: For multiple partition drives, ZXi automatically selects the optimum cloning method (Clever or Mirror)
- **Audit trail log report (XML format) includes a digital signature for authentication purposes**
 - Viewable on screen. Print via web browser or CLI (Command Line Interface).



ZXi Features

- **All operations can be controlled from a remote computer using a web browser or CLI interface**
 - Remote control multiple units via a web browser or CLI interface. The user can create an “image” (as the master) on a network repository, that same image can be accessed concurrently by multiple ZXi units
- **Advanced administrative functions:**
 - create/manage image repositories
 - manage network settings
 - create user profiles
 - save configurations
 - manage drive station assignments



ZXi Features

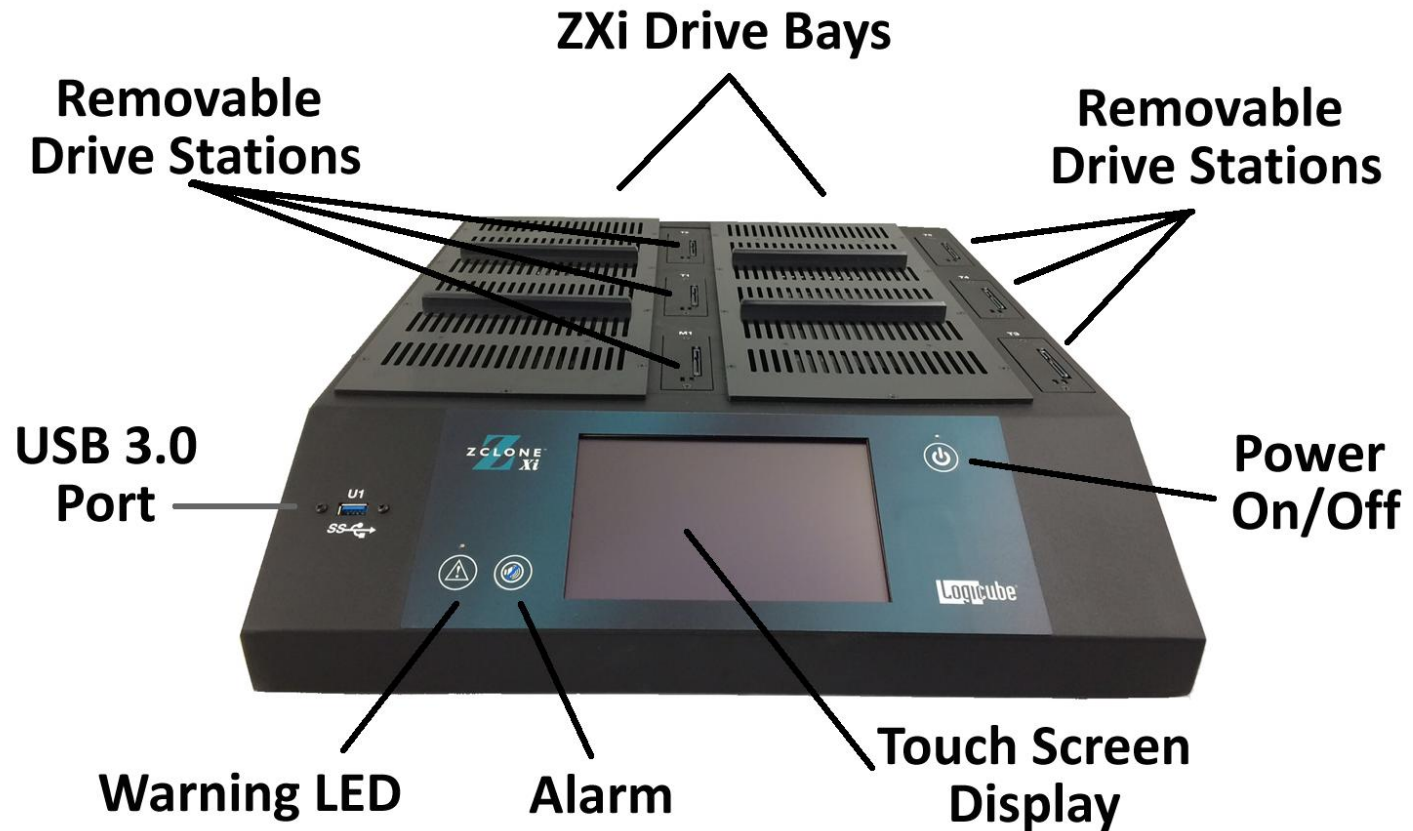
- **Color touch screen display provides an intuitive and easy to use interface**
- **Optional light stack & audible beeper alerts user when tasks complete or attention is required**
- **HPA/DCO support. ZXi allows you to clone or wipe HPA/DCO areas of a drive**
- **Supports large capacity (>2TB) hard drives**
- **Bad sector handling. Scan for bad sectors on the sourced drive, abort or skip and log for review**
- **Two USB 2.0 host ports are available for connecting a keyboard and mouse to the ZXi**



ZXi Product Tour

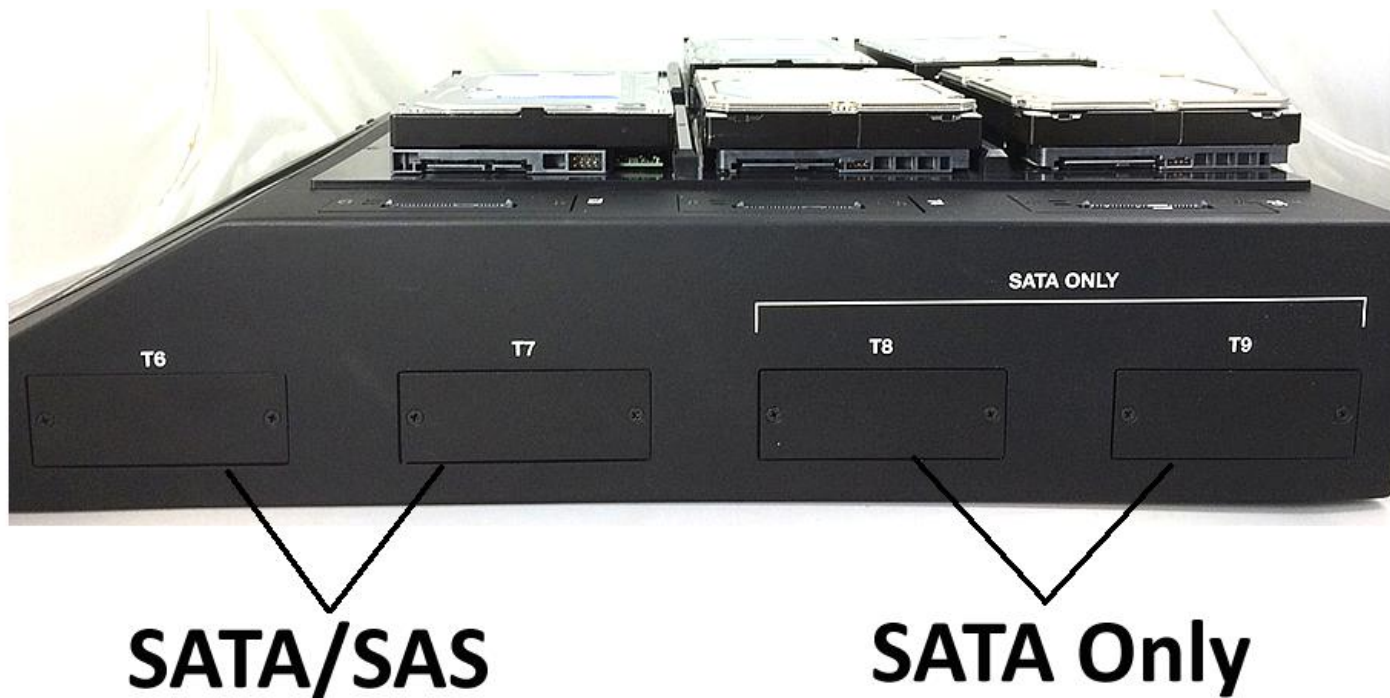


ZXi Product Tour



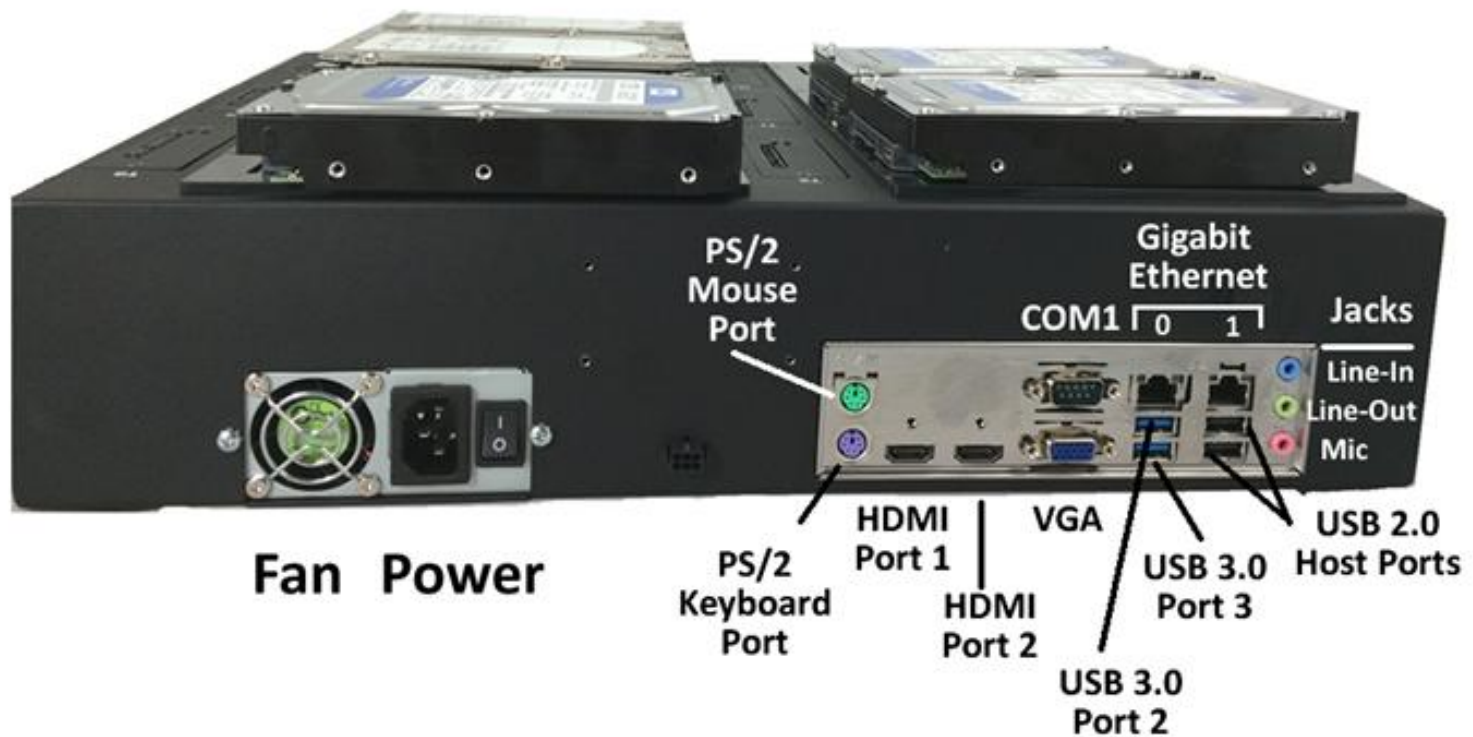
ZXi Product Tour

ZXi Right Side Expansion Bays



Zxi Product Tour

ZXi Rear View

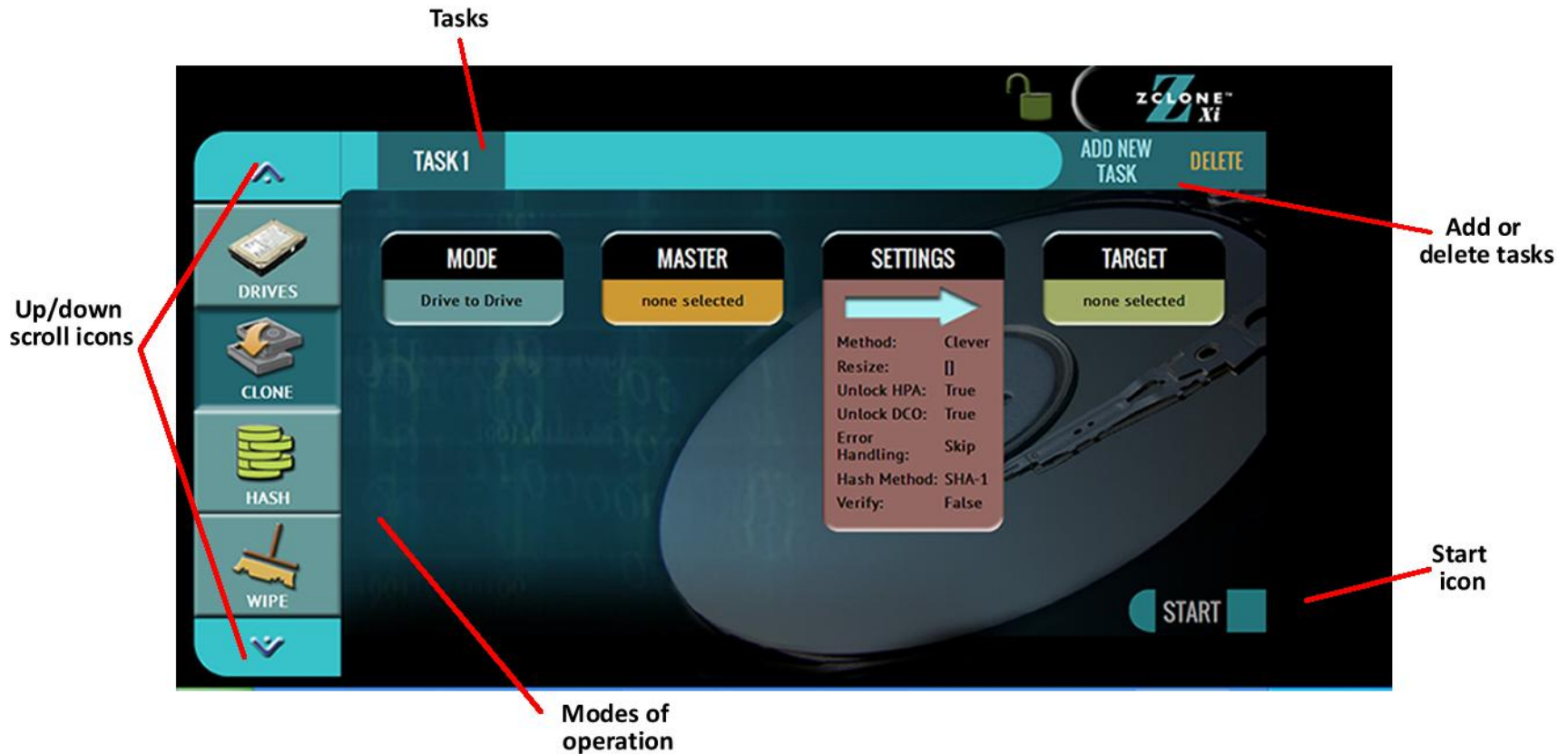


ZXi Interface

- **Easy to use, well organized interface using a responsive color touch screen**
- **On screen prompts steps the user through various operational settings**
- **Provides detailed information on progress of each task**



ZXi Interface – Main Screen



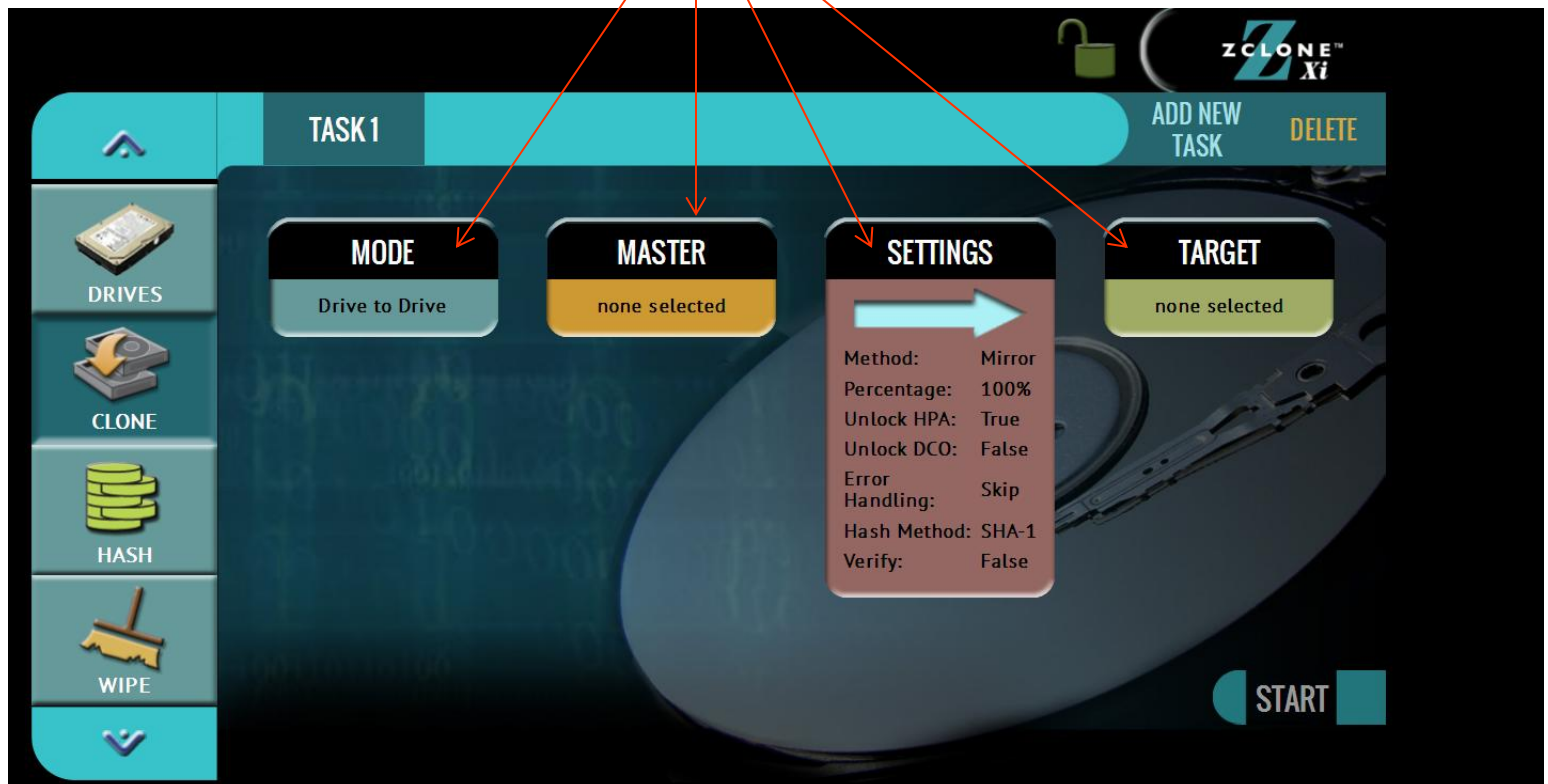
ZXi Interface

Three Cloning Modes



ZXi Interface

- **Settings, modes, source and targets displayed on home page as selections are made**



ZXi Interface-Drive Selection

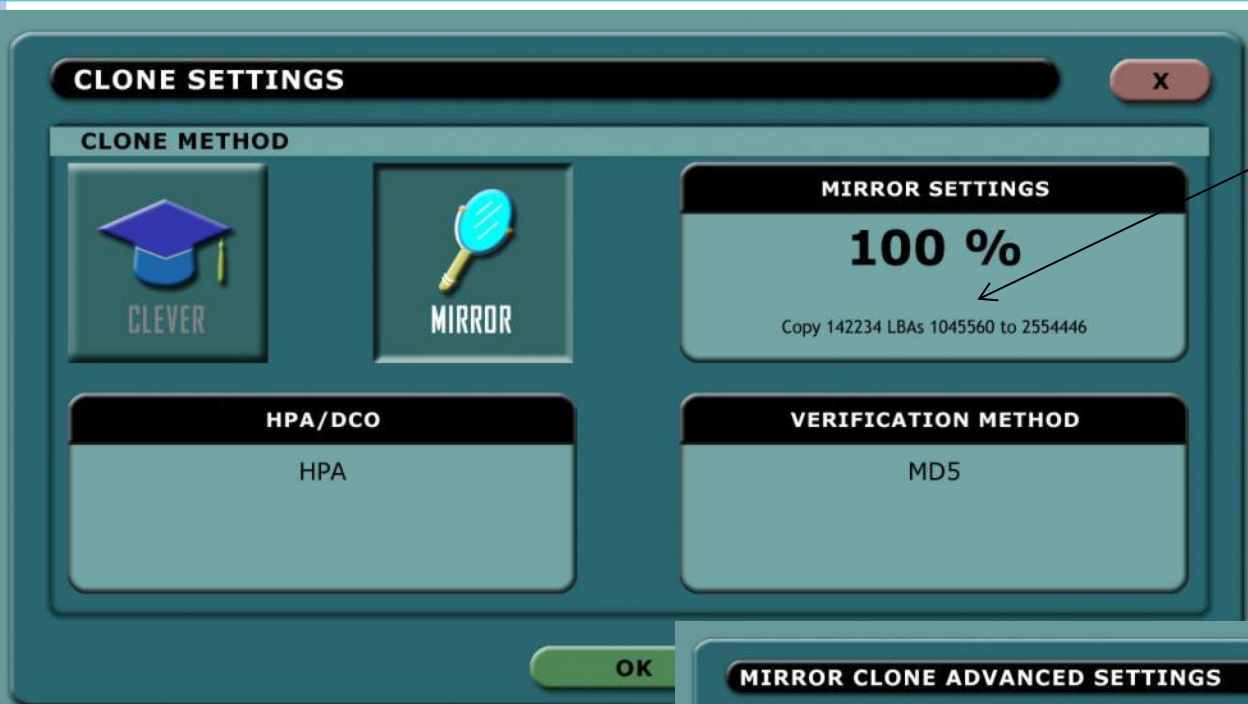


Scroll through selections with convenient sliders

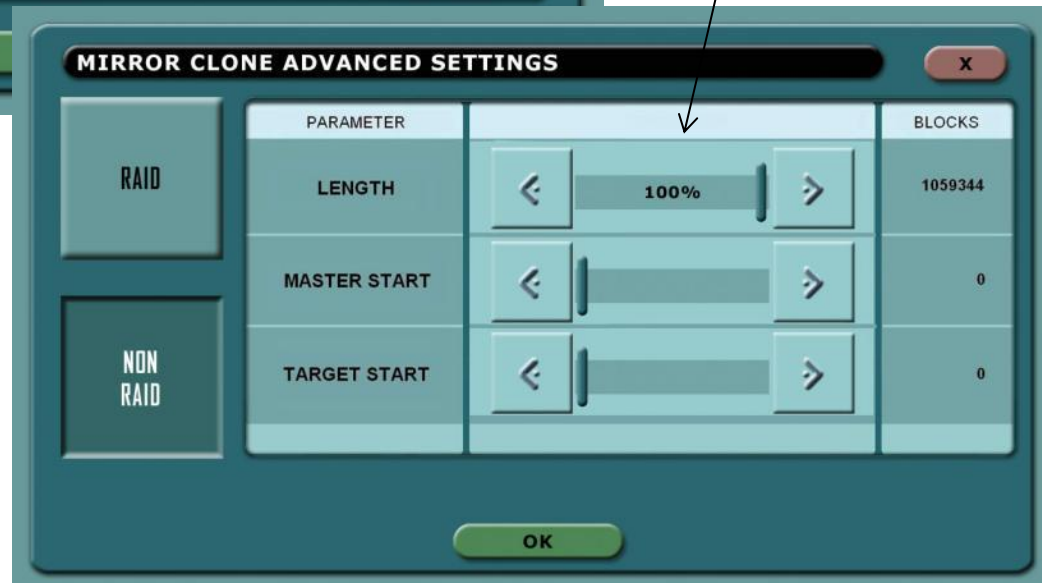
Information/status of each drive



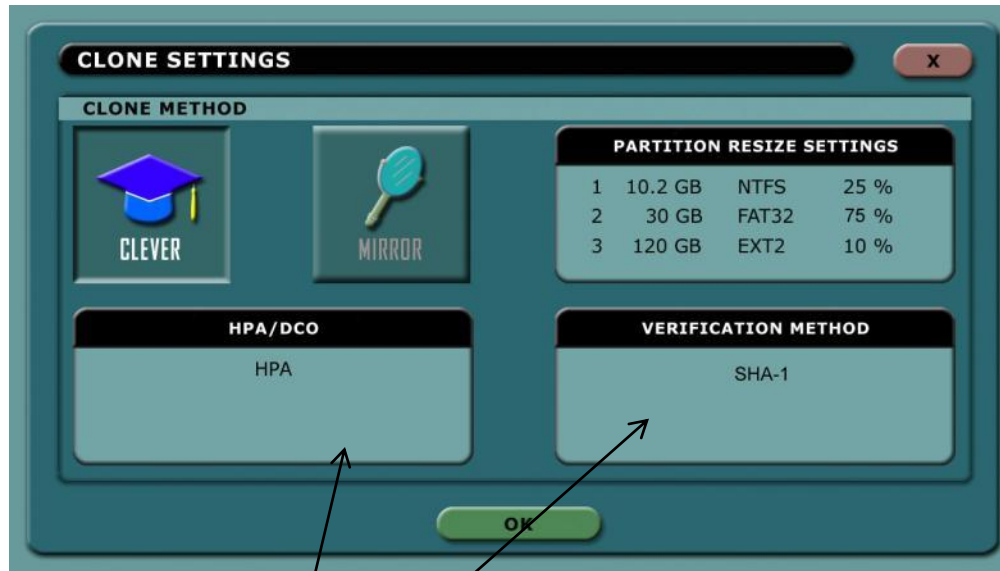
ZClone Interface-Cloning



Press Mirror Settings to change settings

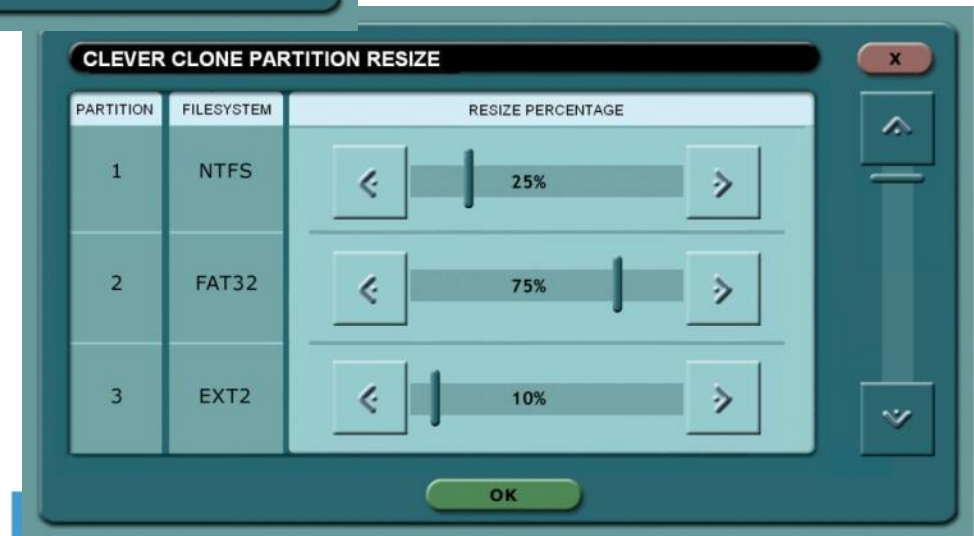


ZClone Interface-Cloning



Easily resize
partitions for
CleverCopy

Clone HPA/DCO
and Hash



ZXi Interface – Verification Option

- Hash multiple drives

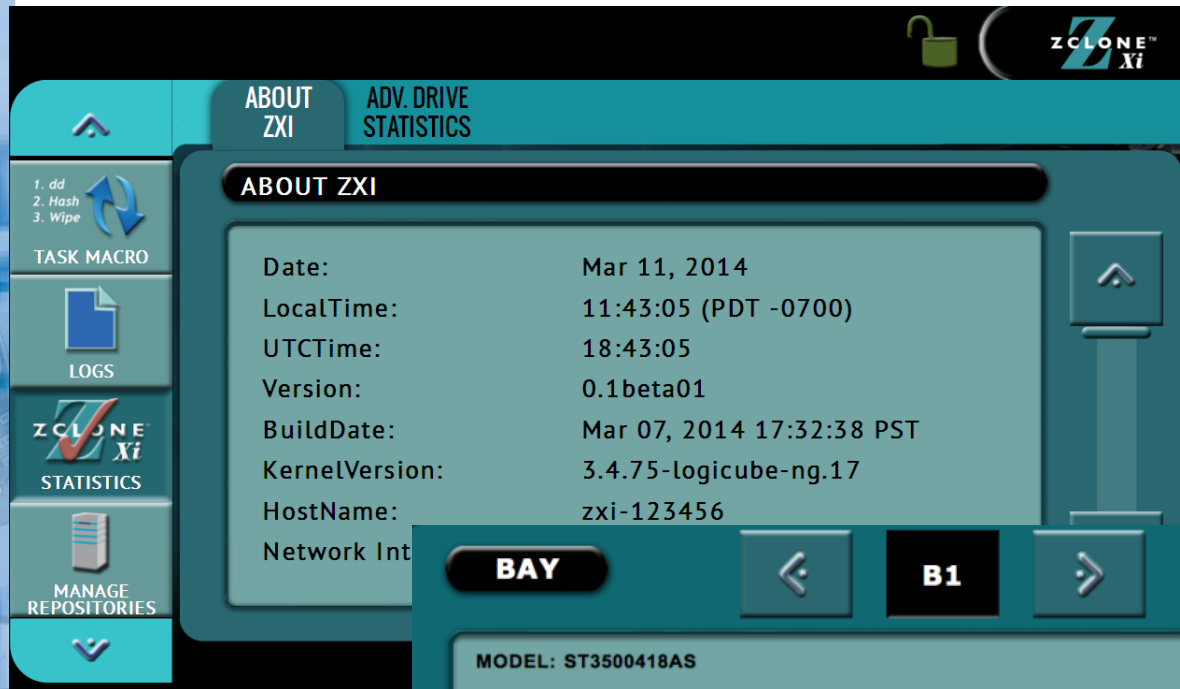


ZXi Interface - Wipe

- **Secure Erase, DoD, or Custom passes**



ZXi Interface-Statistics



Advanced Statistics provides Smart Counters info

MODEL: ST3500418AS

| Attribute Name | Value Worst Threshold | Pretty | Raw | Flags | Type | Updates | Good GoodPast |
|--------------------------|-----------------------------|-----------|----------------|--------|---------|---------|------------------|
| raw-read-error-rate | 113 100 6 | 55144901 | 0xC57149030000 | 0x000F | prefail | online | yes yes |
| spin-up-time | 97 97 0 | n/a | 0x000000000000 | 0x0003 | prefail | online | n/a n/a |
| start-stop-count | 99 99 20 | 1361 | 0x510500000000 | 0x0032 | old-age | online | yes yes |
| reallocated-sector-count | 100 100 | 0 sectors | 0x000000000000 | 0x0033 | prefail | online | yes |

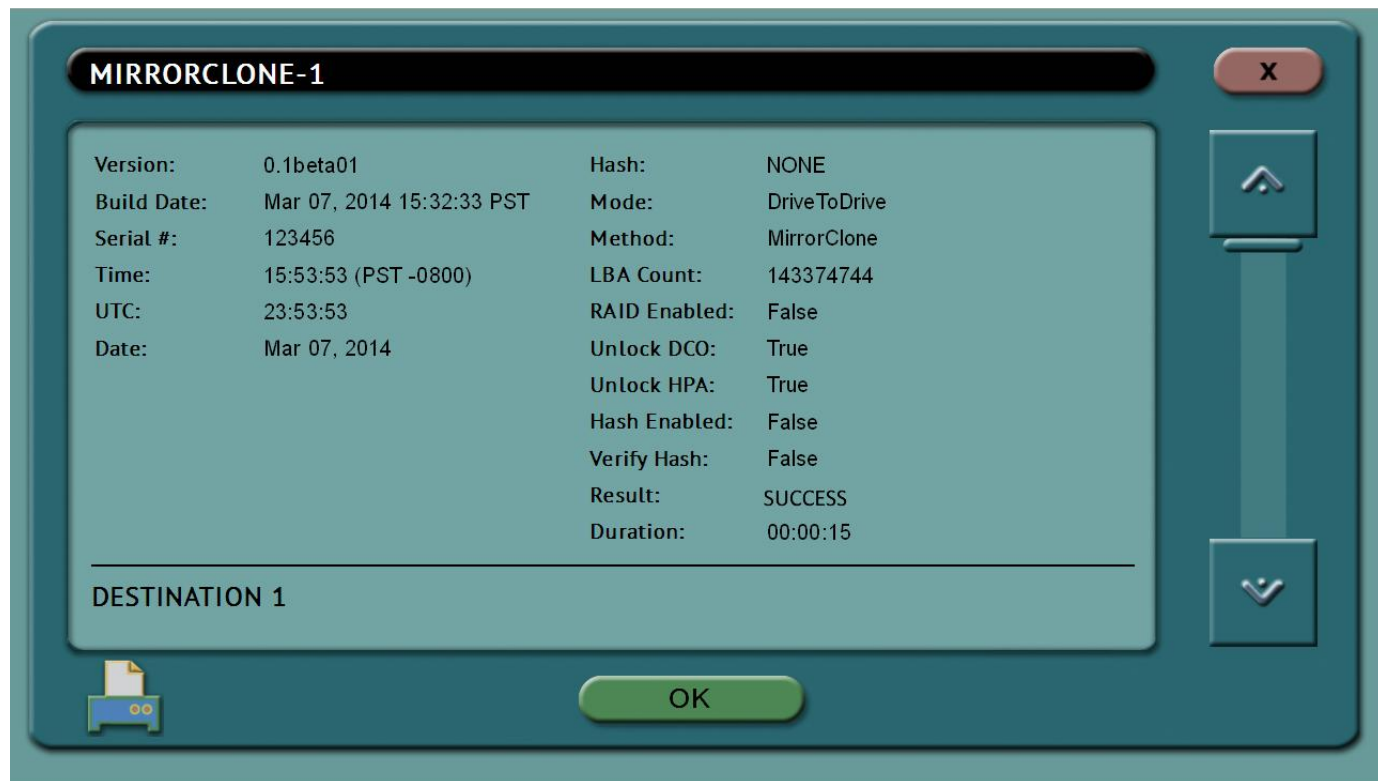
ZXi Interface – Software Updates

- **Network based updates**



ZXi Interface - Logs

- **Log files available in XML, HTML or PDF format and are viewable via the GUI and easily printed via browser or CLI interface**



In The Box

- **The ZXi includes;**
 - Power cord & power supply
 - 6 SATA/SAS 5" data/power cables
 - CD-ROM with ZXi software and a users' manual



Options

- **SAS drive interface option. Provides support for SAS hard drives**
- **Verification/Hash option. Use SHA1, SHA256 or MD5 to verify the exact duplication of the source drive**
- **Drive adapters for a variety of interfaces including IDE, microSATA, mSATA and eSATA**
- **Flash card reader for compact flash media**
- **Tri-color light stack and buzzer alarm**
- **Extended warranties**



Why ZXi ?

- **Extremely fast cloning and drive detection speed reduces total process time for volume duplication tasks**
- **Multi-tasking improves efficiency in the IT department: Clone, Wipe, Hash**
- **Advanced features** including network sharing, remote operation, task macro and administrative functions , make ZXi the **premier** duplicator for industrial/production environments
- The **next generation** in hard drive duplicators, Zxi delivers the **performance and speed** IT professionals require with an **easy-to-use**, intuitive interface

