



A High-Speed Hard Drive Duplicator With 2 10GbE Network Ports and support for M.2 NVMe

- **Extremely fast cloning up to 29 GB/min* using SATA SSDs**
- **Supports up to 16 M.2 NVMe SSDs with optional PCIe Expansion Modules**
- **Two 10GbE ports and one 2.5GbE network port for fast cloning to/from a network repository or NAS**
- **Clone up to a total of 6 SATA/SAS-ready targets. 4 additional targets are available with an optional expansion kit.**
- **8 USB 3.2 Type-A ports, 1 USB Type-C port**
- **2 Thunderbolt™4/USB-C ports**



This powerful, advanced cloning solution includes two 10GbE network connections and support to clone up to 16 M.2 NVMe SSDs with optional PCIe Expansion Modules. Maximize your productivity by utilizing the latest network technology to streamline your workflow and clone directly to or from a network repository or a NAS device. The ZXi™-10G also supports cloning from Thunderbolt™ storage enclosures utilizing two built-in Thunderbolt 4 ports.

FEATURES

- **High-speed cloning** – The ZXi™-10G will clone at blazing speeds up to 29GB/min* using SATA SSDs
- The ZXi-10G has built-in support for 3.5"/2.5" **SATA** hard drives. The **SAS-ready** drive stations support SAS hard drives with the purchase of an optional software activation package.
- **Two high-speed 10GbE connections** are available to clone or create images to/from a network repository or NAS and achieve transfer speeds of up to 30GB/min. Utilize a 2.5GbE connection to help minimize bottlenecks.
- Supports cloning to and from **USB enclosures and thumb drives**. 9 ports are available:
 - 6 USB 3.2 Gen 1 (Type-A)
 - 2 USB 3.2 Gen 2 (Type-A)
 - 1 USB 3.2 Gen 2x2 (Type-C)
- **Two Thunderbolt™ 4/USB 3.2 Gen 2x2 ports** allow users to connect Thunderbolt external storage enclosures to the ZXi-10G
- **M.2 NVMe Cloning** – The optional PCIe Expansion Modules support cloning up to 16 M.2 NVMe SSDs. Clone up to 129GB/min* using high-performance NVMe SSDs.
- **Optional 4-Port Drive Expansion Kit** provides an additional 2 SAS/SATA and 2 SATA targets for a total of **9 SATA targets (7 SAS)** when cloning from a master hard drive or **10 SATA (8 SAS)** targets from a network repository or an external USB enclosure connected to the ZXi-10G
- **M.2 SATA, 1.8"/2.5"/3.5" IDE and IDE ZIF drives, eSATA, microSATA, mSATA and flash media** are supported with optional adapters
- **Multi-target, volume cloning** – Clone from **1 Master to 5 SATA target drives or 5 SAS (if SAS option is purchased) target drives**, or clone from a ZXi-10G created image repository stored on an external USB enclosure or a network repository to a total of **6 SATA/SAS target hard drives**
- **Supports multiple master drives** – Users can assign any port as a master or target
- **Wipe feature** – Choose from Secure Erase, DoD wipe, and custom pass settings. Complies with NIST 800-88 guidelines. User selectable option to verify wipe pass value during the wipe process.
- **Hash verification (SHA1, SHA256 or MD5)** allows users to clone and verify the exact replication of the source drive. Available with the purchase of an optional software activation package
- **Multi-session capability** allows users to perform multiple tasks, including cloning, wiping or hashing concurrently
- **Write-protected master drives** – Any drives designated as master by the user are automatically write-blocked to prevent any alteration to sensitive data on the master drive
- **Task Macro feature** allows users to set specific tasks to be performed sequentially. For example, wipe, then clone, then hash.



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FEATURES (continued)

- **Multiple cloning modes:**
 - **Mirror Copy** – (bit-for-bit copy). Supports all OS including Linux and Mac®
 - **Clever Copy** – (copies only data areas, skips blank sectors, scales partitions to target). Supports FAT16/FAT32/NTFS and Linux (ext, ext2, ext3, ext4) file systems.
 - **Multi-Image Master** – Store multiple ZXi-10G created images in a repository on a USB enclosure connected to ZXi-10G or on a shared network location and then clone to selected targets
- **Bad sector handling** – When bad sectors are encountered on the source drive the cloning process can abort or skip the bad sector. Bad sectors are logged for review.
- **Advanced administrative functions** allow users to create/manage image repositories, manage network settings, create user profiles, save configurations, manage drive station assignments, etc.
- **Audit trail/log report** provides detailed information on each completed task. Logs can be printed using a web browser and a PC. Includes a digital signature for authentication purposes.
- **HPA/DCO support** – Clone or wipe HPA/DCO areas of a drive
- **Color touch screen display** provides an intuitive and easy-to-use interface
- **Removable drive stations** are user and field-replaceable
- **Remote operation** allows users to control all operations from a remote computer using a web browser or CLI interface

*Speed referenced was achieved using high-performance SSDs and mirror mode. The specification and condition of drives and settings used may affect the achieved speed.

OPTIONS

The following options are available with the ZXi-10G:

- **4-Port Drive Expansion Kit:** Provides an additional 2 SATA/SAS and 2 SATA-only drive stations. Includes 4 drive stations, 4 cables, and a drive tray.
- **PCle Expansion Module:** Provides support for up to 16 M.2 NVMe SSDs
- **Hash Verification Option:** Clone and verify the exact replication of the master drive in one single process. Features SHA-1, SHA-256 or MD5 algorithms. Hash verification is embedded in the audit trail/log file.
- **SAS Option:** Enables support for SAS drives
- mSATA to SATA adapter
- microSATA to SATA adapter
- eSATA cable
- 2.5"/3.5" IDE to SATA adapter
- 1.8" IDE to SATA adapter
- 1.8" ZIF to SATA adapter
- USB Flash Reader
- SATA/SAS data & power replacement cable

IN THE BOX

The following options are available with the ZXi-10G

- Power cable
- 6 SATA/SAS 5" data/power cables
- 3 CAT 7 network cables
- CD-ROM with users' manual

SPECIFICATIONS

Power Requirements	Operating Temperature	Storage Temperature	Relative Humidity	Net Weight	Dimensions
110V-240V 7.5A-3.5A 50-60Hz	32° to 122° F 0° to 50° C	-4° to 176° F -20° to 80° C	Operating: 85% RH, non-condensing Storage: 95% RH, non-condensing	14 lbs 6.4 kg	3.7" H x 19" D x 17.2" W 94 mm x 483 mm x 437 mm

