



KANGURU™
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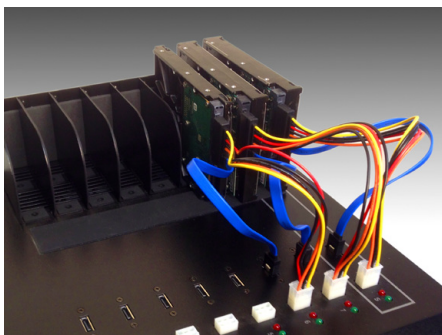
The Advantages of Using Kanguru Duplicators

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Migrating to a new Operating System

Whether provisioning new computers or upgrading older machines, migrating to a new OS like Windows 10 can be a time-consuming process. This is especially true for medium to large organizations that have hundreds or thousands of computers to upgrade. A typical installation would be:

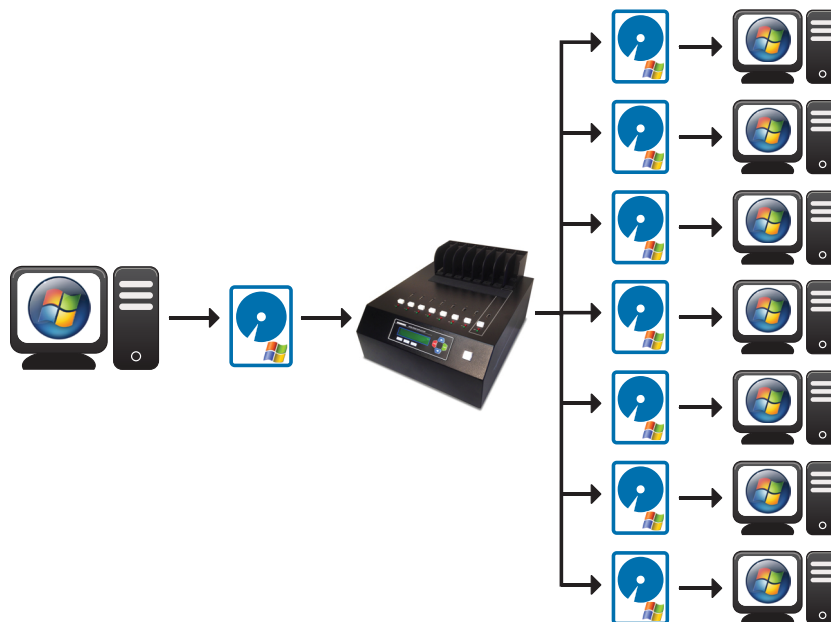
1. Format the existing hard drive
2. Install the operating system
3. Install drivers and system files
4. Install applications
5. Move to next computer and repeat

Multiply this process by x number of computers and it becomes a long and tedious exercise.

Disk duplication simplifies this process by replicating a standard, master hard drive image. The OS only needs to be installed once and since many large enterprises use a standard hardware configuration, the device drivers will be the same on each machine. After that, required applications are installed. The new installation process becomes:

1. Setup a single system and remove its hard drive for use as the master drive image
2. Use the Kanguru HDS Pro Duplicator to create x number of duplicate drives
3. Install the duplicate drives into the other computers

The installation becomes an automated batch process for the IT administrator and users will be up and running in a much shorter time.



For More Information

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Disk Duplication Background

Disk duplication is the process of copying the contents of one drive to another in its entirety. Duplication is a powerful tool that not only copies data files, but accurately recreates the entire system configuration including operating system, device drivers and installed applications. The new drive is built sector-by-sector from the original source drive, creating an exact copy of the source drive as opposed to only copying individual folders or files.

Disk duplication can be used in a number of ways including:

- **Full system backup & restore:** Disk duplication is useful for creating a backup disk that can be used in the event of a system failure or other damaging event caused by malware, user error or normal wear and tear. Rather than backing up individual folders or files, a full system backup can be created, which captures a last-known good state. After creating a full system backup, continue backing up your user data regularly. In the event that your computer suffers an unrecoverable drive failure, the full system backup disk can be easily swapped in for the faulty disk, your data is recovered from the data backup file, and your computer is up and running again with minimal down time.
- **Upgrading drives:** Users can often extend the life of their computer by upgrading to a larger capacity drive or by swapping a spinning platter HDD to a high-performance SSD. Disk duplication can be used to make an exact copy of an existing hard drive onto a new larger hard drive or SSD.
- **Provisioning new workstations:** When setting up new computers with similar hardware configurations, disk duplication can be used to simplify the process by creating multiple duplicate drives containing the same master drive image. This eliminates the need to install the operating system, drivers and applications on each individual machine.

Advantages of the Kanguru HD SATA Pro Duplicator

The Kanguru HD SATA Pro Duplicator is a high-speed, stand-alone system capable of creating multiple disk duplications simultaneously. There are many advantages to using a hardware-based system like the Kanguru HD SATA Pro Duplicator, including:

- ✓ **Significant time-savings**
 - Kanguru HD SATA Pro Duplicators support transfer speeds of up to 12GB/min
 - Disk cloning software is generally limited to one drive at a time
 - Kanguru HD SATA Pro Duplicators are available in 7, 15 and 23-target models that can create multiple duplicates simultaneously
- ✓ **Easy to Use**
 - No complicated software programs
 - Does not require a PC
 - Does not require a network connection
 - Fully-automated, does not require frequent user intervention or monitoring
 - Multiple test modes to ensure disk integrity

How it works

Duplicating drives with the Kanguru HD SATA Pro Duplicator is quick and easy. Just follow these three easy steps.

Step 1: Connect your drives

- Connect the master drive to the duplicator's Source port using the provided cable.
- Connect the target drives to any available ports using the provided cables.

Step 2: Select a copy mode

- Navigate through the intuitive menu and select the appropriate duplication modes:
 - **Disk Copy** – Sector-by-sector copy for making an exact disk clone. Supports all file systems.
 - **Brief Copy*** – Scans the partition table and only copies sectors that contain data.
 - **Resize Copy*** – Similar to Brief Copy, specifically for copying from a smaller to larger drive.

**Supports select file systems*

Step 3: Execute the copy process

- Wait for the duplication process to complete. The duplication progress and time will be displayed on the duplicator's LCD screen.
- Once finished, disconnect your drives and use as needed.

Congratulations, you have successfully duplicated your drive!

Important! The illegal duplication of copyrighted software is prohibited. The customer remains responsible for maintaining the appropriate licenses for any duplicated software.



To Learn More:

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