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Tutorial



Converting videos with NVIDIA CUDA graphics card

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Converting Videos with NVIDIA CUDA Graphics Card

In this tutorial you can follow the step by step procedure for using Nero Move it to copy files to a target device as well as for copying files from a device to the computer with the help of the new NVIDIA CUDA technology.




CUDA is NVIDIA's computing architecture that enables its GPUs to be programmed using industry standard programming languages, opening up their massive parallel processing power to a broad range of applications beyond pure graphics. Nero Move it uses CUDA to convert videos in a fraction of the usual time, allowing you to move content between your chosen mobile devices with incredible speed and convenience.

The following requirements must be fulfilled:

- You have started Nero Move it.
- The device or devices that you want to use for exchanging media files are supported by Nero Move it and are available in the device list.
- A CUDA-enabled NVIDIA graphics card with NVIDIA display drivers version 185 or above is required for GPU acceleration. Please [click here](#) to download the driver.

To transfer video files from your PC to your device, proceed as follows:

1. Use the ▲ and ▼ buttons to navigate through the left device list and click the icon for your PC.
→ The container and workspace for your PC are displayed.
2. Use the ▲ and ▼ buttons to navigate through the right device list and click the icon for the respective device.
→ The container and workspace for the selected device are displayed.
3. Choose the **Videos** category in the container area of the PC.
→ The media files contained are displayed in the respective workspace and any existing subfolders are displayed on the container.
4. Choose the **Videos** category in the container area of the device.
→ The media files contained are displayed in the respective workspace and any existing subfolders are displayed on the container.
5. Select the required video files on the left workspace and click the  button.
→ The **Information** window is opened where you can choose the encoding method.
6. Select the **Use NVIDIA CUDA encoding** entry from the drop down menu.
7. Click the **OK** button.
→ The media files are copied to the right workspace. Nero Move it automatically transfers the data in the format that is ideal for the target device. A window notifies you as soon as the transfer has ended successfully.



If selected media files already exist on the target device or the target device does not have enough free disk space for them, the **Comparison** window opens. You can decide which files should be replaced or updated individually in this window.

- You have transferred the required video files faster and more efficiently using NVIDIA CUDA encoding technology.