

# DaVinci Resolve 17.1



## About DaVinci Resolve 17

The free DaVinci Resolve 17 includes all of the same high quality processing as DaVinci Resolve 17 Studio and can handle unlimited resolution media files. However it does limit project mastering and output to Ultra HD resolutions or lower. DaVinci Resolve 17 only supports a single processing GPU on Windows and Linux and 2 GPUs on the latest Mac Pro.

If you need features such as support for multiple GPUs, 4K output, motion blur effects, temporal and spatial noise reduction, de-interlacing, HDR tools, camera tracker, multiple Resolve FX, 3D stereoscopic tools, remote rendering, an external database server and collaboration tools that let multiple users work on the same project at the same time, please upgrade to DaVinci Resolve 17 Studio.

We hope you do decide to upgrade as your facility grows and you do more advanced work!

### ***Important information regarding database management***

DaVinci Resolve 17.1 requires a database upgrade from DaVinci Resolve 16.2.8 and previous versions. We strongly recommend that you back up your existing database (both DiskDB and PostgreSQL) before performing an upgrade.

## What's new in DaVinci Resolve 17.1

- Support for Apple Silicon based Mac OS systems.
- H.265 4:2:2 hardware decode support on Apple Silicon.
- H.265 4:2:2 and 4:4:4 Intel decode support in DaVinci Resolve Studio.
- H.265 4:2:2 and 4:4:4 Intel encode support in DaVinci Resolve Studio.
- Support for GPU decoding of RED clips in OpenCL processing mode.
- Option to always perform copy and paste actions on selected color nodes.
- General performance and stability improvements.

## Minimum system requirements for macOS

- macOS 10.15 Catalina
- 8 GB of system memory. 16 GB when using Fusion
- Blackmagic Design Desktop Video version 12.0 or later
- Integrated GPU or discrete GPU with at least 2GB of VRAM.
- GPU which supports Metal or OpenCL 1.2.

## Minimum system requirements for Windows

- Windows 10 Creators Update.
- 16 GB of system memory. 32 GB when using Fusion
- Blackmagic Design Desktop Video 10.4.1 or later
- Integrated GPU or discrete GPU with at least 2GB of VRAM
- GPU which supports OpenCL 1.2 or CUDA 11
- NVIDIA/AMD/Intel GPU Driver version – As required by your GPU
- A minimum NVIDIA driver version of 451.82 is recommended.

## Minimum system requirements for Linux

- CentOS 7.3
- 32 GB of system memory
- Blackmagic Design Desktop Video 10.4.1 or later
- Discrete GPU with at least 2GB of VRAM
- GPU which supports OpenCL 1.2 or CUDA 11
- NVIDIA/AMD Driver version – As required by your GPU
- A minimum NVIDIA driver version of 450.51.06 is recommended.

## Installing DaVinci Resolve Software on Mac

Double-click the DaVinci Resolve Installer icon and follow the onscreen instructions. To remove DaVinci Resolve from your system, double-click the Uninstall Resolve icon.

## Installing DaVinci Resolve Software on Windows

Double-click the DaVinci Resolve Installer icon and follow the onscreen instructions. To remove DaVinci Resolve from your system, go to the Programs and Features control panel, select DaVinci Resolve, click on Uninstall and follow the onscreen prompts.

## Migrating Legacy Fairlight projects to DaVinci Resolve on Windows

In order to import legacy Fairlight DR2 projects into DaVinci Resolve, download and install the following utility on your Windows system: [downloads.blackmagicdesign.com/DaVinciResolve/Fairlight-Project-Importer.zip](https://www.blackmagicdesign.com/Downloads/DaVinciResolve/Fairlight-Project-Importer.zip) After installing the utility, you should see an option to "Import Fairlight Project" in the Fairlight menu in DaVinci Resolve.

## Installing DaVinci Resolve Software on Linux

Double-click the DaVinci Resolve Installer icon and follow the onscreen instructions. To remove DaVinci Resolve from your system, select the uninstall option after running the installer.

## Additional Information

Please refer to the latest DaVinci Resolve Configuration Guide for your platform detailing support, including certified driver versions for third party hardware. It is available from [www.blackmagicdesign.com/support](https://www.blackmagicdesign.com/support).

You will also need to download and install the latest Blackmagic Design Desktop Video software for monitoring with your Blackmagic Design video hardware. Desktop Video is available from [www.blackmagicdesign.com/support](https://www.blackmagicdesign.com/support).

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