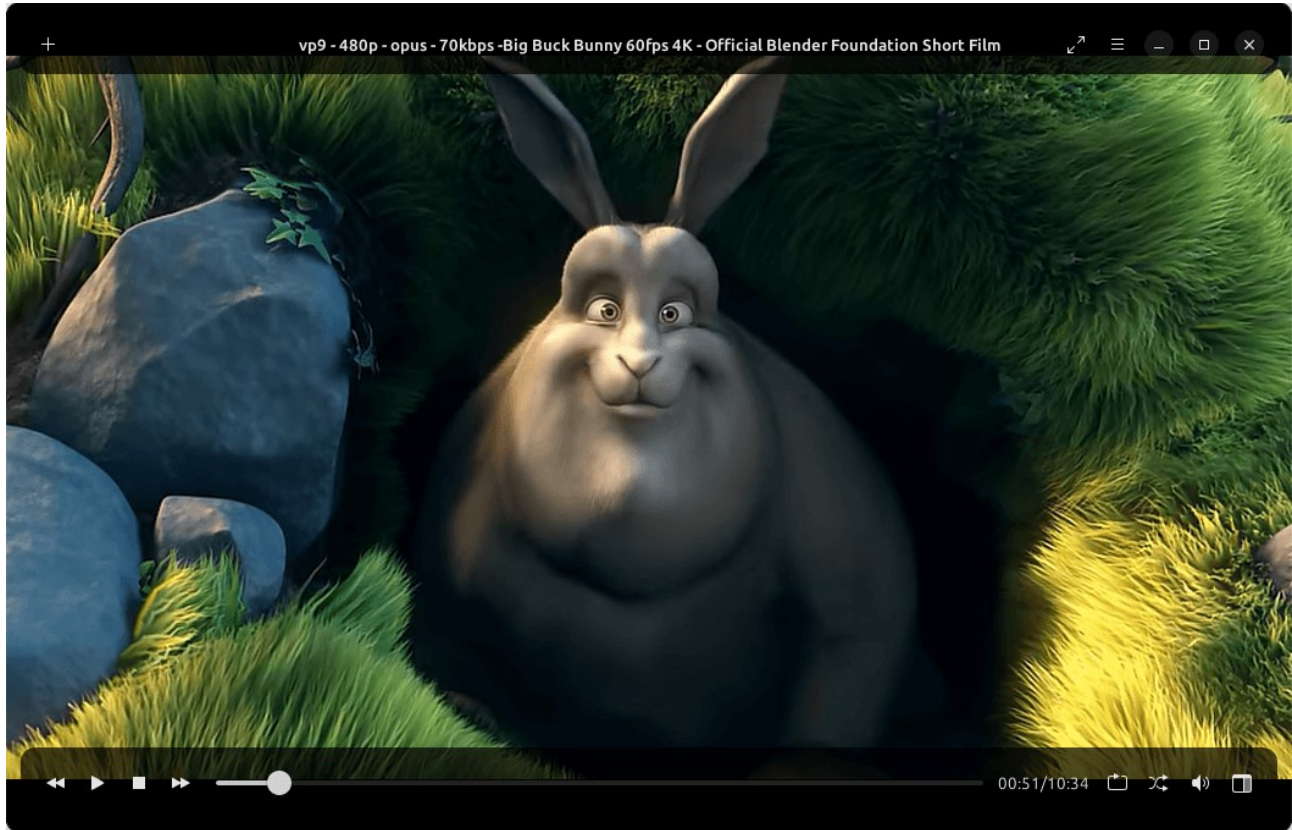


EcoTubeHQ

EcoTubeHQ Video Player offers high quality video playback for many DRM-free streaming services at minimal bitrates. Data is retrieved in chunks to minimize data usage if a video is not played in its entirety. Hardware acceleration is utilised where possible during video playback to optimize video quality and minimize CPU usage.



EcoTubeHQ offers AMD FidelityFX Super Resolution to produce high quality video output. Unlike [RTX VSR](#), AMD FSR works with many GPUs. Below is the [official list of graphics cards that support AMD FSR](#):

AMD Ryzen desktop CPUs with AMD Radeon graphics

AMD Radeon 6000 Series

AMD Radeon 6000M Series

AMD Radeon 5000 Series

AMD Radeon 5000M Series

AMD Radeon VII

AMD Radeon RX Vega Series

AMD Ryzen mobile CPUs with Radeon Graphics

AMD Radeon RX 500 Series

AMD Radeon RX 480, 470 and 460

Nvidia GeForce RTX 30 Series

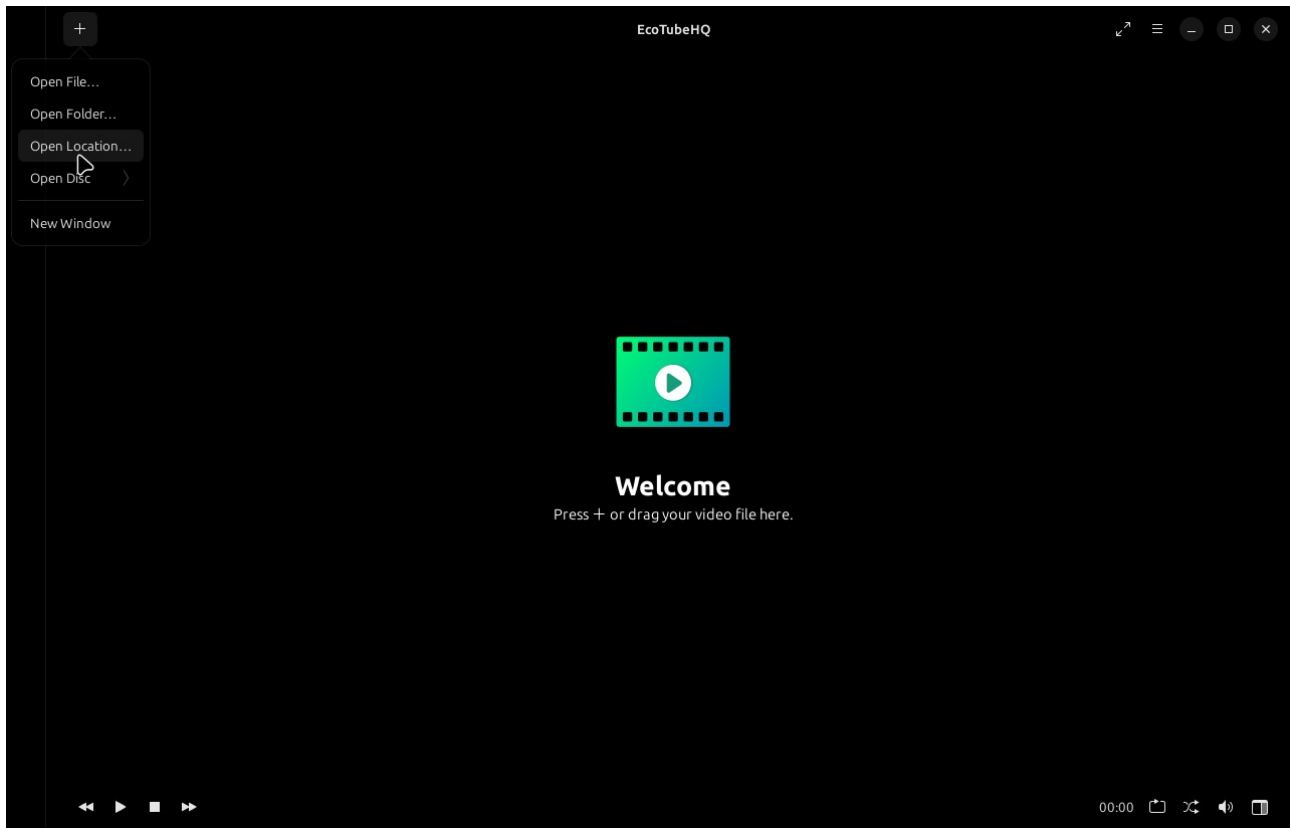
Nvidia GeForce RTX 20 Series

Nvidia GeForce 16 Series

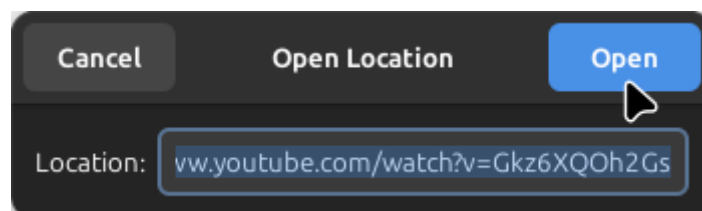
Nvidia GeForce 10 Series

How to use.

To play a video from an online streaming service simply copy the video URL from the browser, click '+' at the top left of the player and select 'Open Location'...



...the player automatically places the copied video location into the 'Location' entry box...

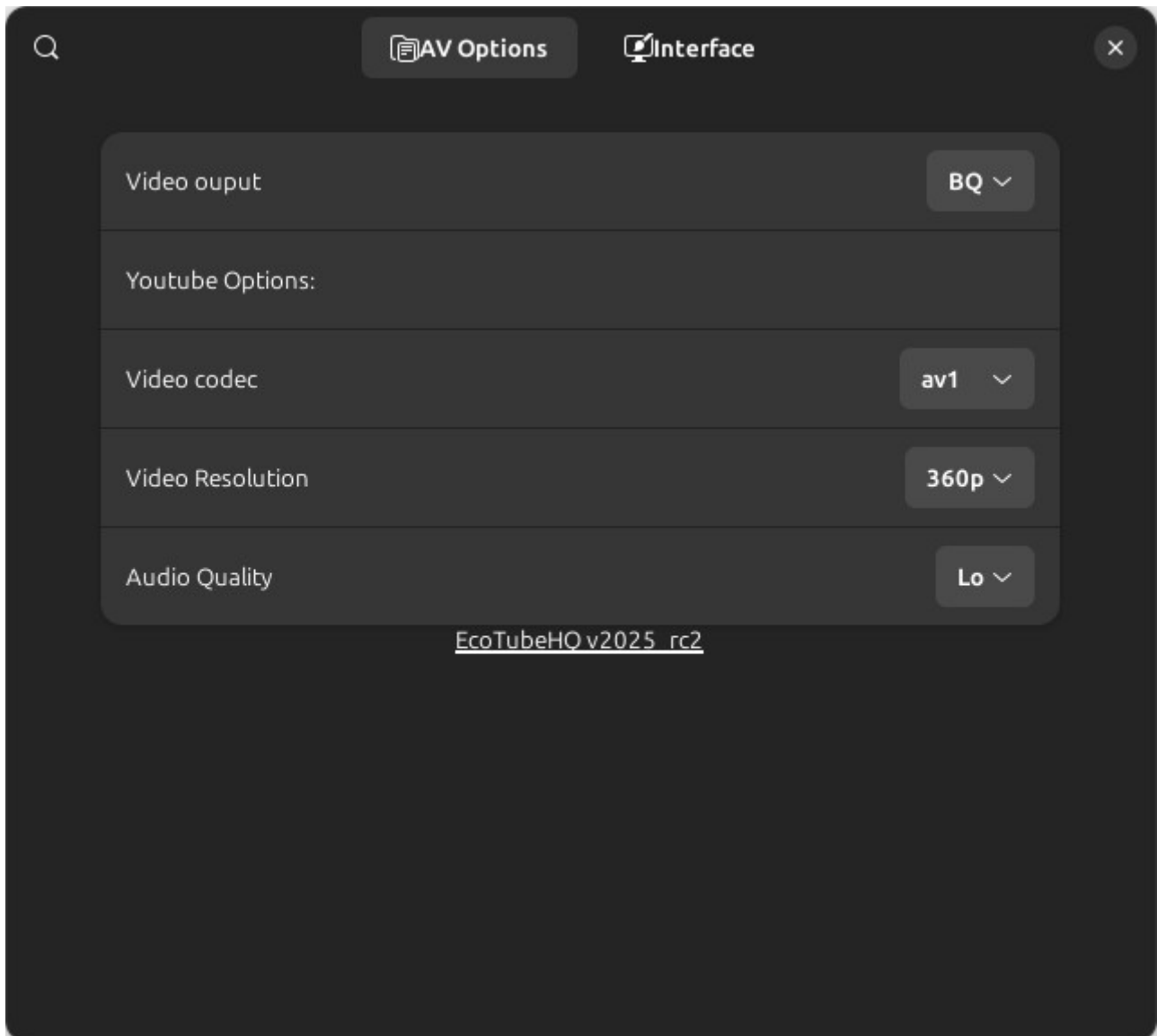


...click the 'Open' button to initiate playback.

- Press the space bar or right click the mouse on the player screen to pause / play video playback.
- Rotate the mouse wheel on the playback window to turn the audio volume up / down – the volume will reset to normal when the player is restarted.
- Pressing 'Esc' or double clicking on the player window during fullscreen playback reduces the player to non-fullscreen playback.

AV Options

To get to the AV Options select Preferences. This displays the following:



Video Output

BQ - Best Quality - AMD FSR Video Upscaling [Default]

HQ - High Quality - Lanczos Video Upscaling

LE - Low Energy - Bicubic Video Upscaling

YouTube Options

Supported Video Codecs:

av1 - Best quality video with lowest bitrate [Default]

vp9 - Good quality video with low bitrate

h.264 - Lowest quality video with the highest bitrate

EcoTubeHQ plays av1 codec YouTube videos by default, if av1 isn't available then vp9 video is output, and if vp9 isn't available then the player outputs h.264 video. This allows the player to output the highest quality / lowest bitrate video available. Alternatively the player can be set to output vp9 or h.264 to reduce battery consumption.

Supported Video Resolutions:

720p

480p [Default]

360p

240p

144p

EcoTubeHQ restricts the maximum video resolution to 720p@30fps to minimize data usage. There is minimal difference when comparing 720p with AMD FSR upscaling to 1080p browser output quality, but there is a significant reduction in data usage.

Note: If 720p is selected then the player will only output the selected video at this resolution. **The following video will be output at 480p unless 720p is reselected.*

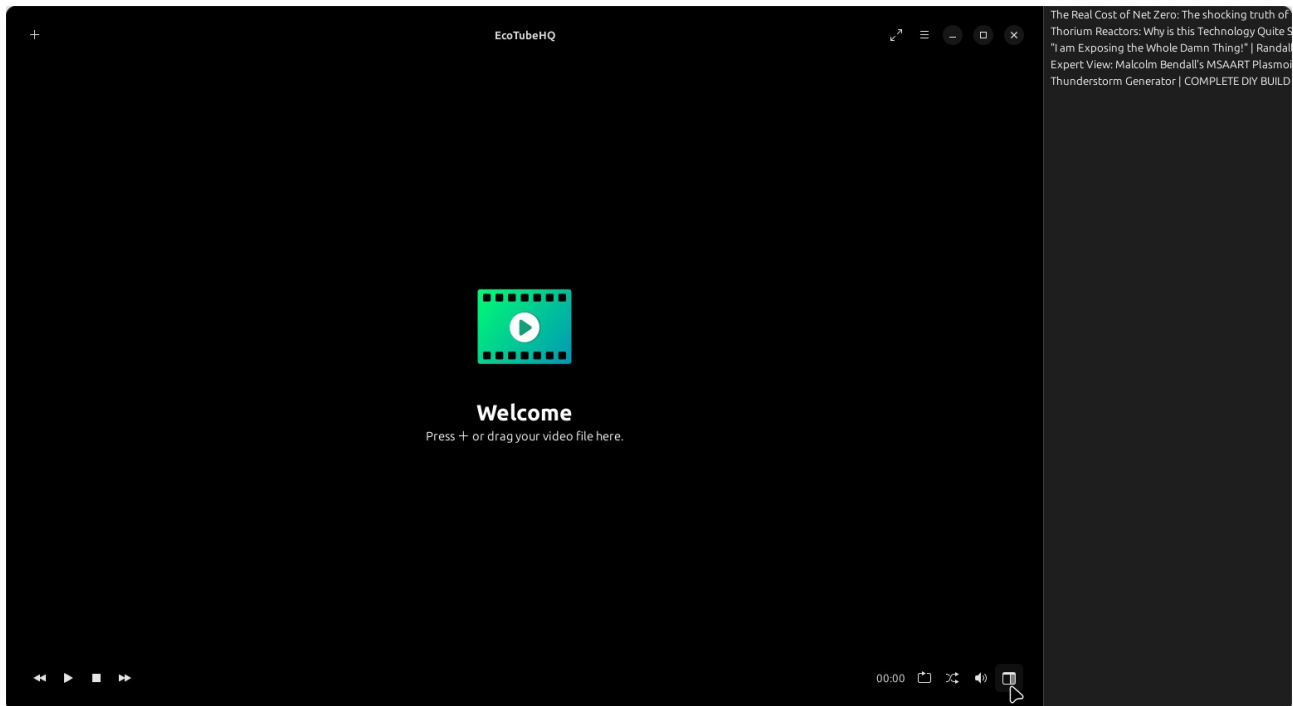
Audio Quality *YouTube av1 and vp9 only*

Hi - 160Kbps

Lo - 70Kbps [Default]

EcoTube offers two different Opus audio bitrates when playing av1 and vp9 YouTube videos - 70kbps (Lo) and 160kbps (Hi).

Playlists



To add a playlist click on the bottom right icon titled "Toggle Playlist". When this is done the playlist opens.

To add videos from an external streaming service drag and drop the browser URL for the playlist onto the player's playlist. Additional videos can be added prior to, and during playback. To start playback simply double-click on the required playlist video.

EcoTubeHQ Original Concept: Colin Bett

Coding and additional ideas: Sako Adams

Forked from the Celluloid Video Player

This application comes with absolutely no warranty. See the GNU General Public Licence, version 3 or later for details - <https://www.gnu.org/licenses/gpl-3.0.html>.