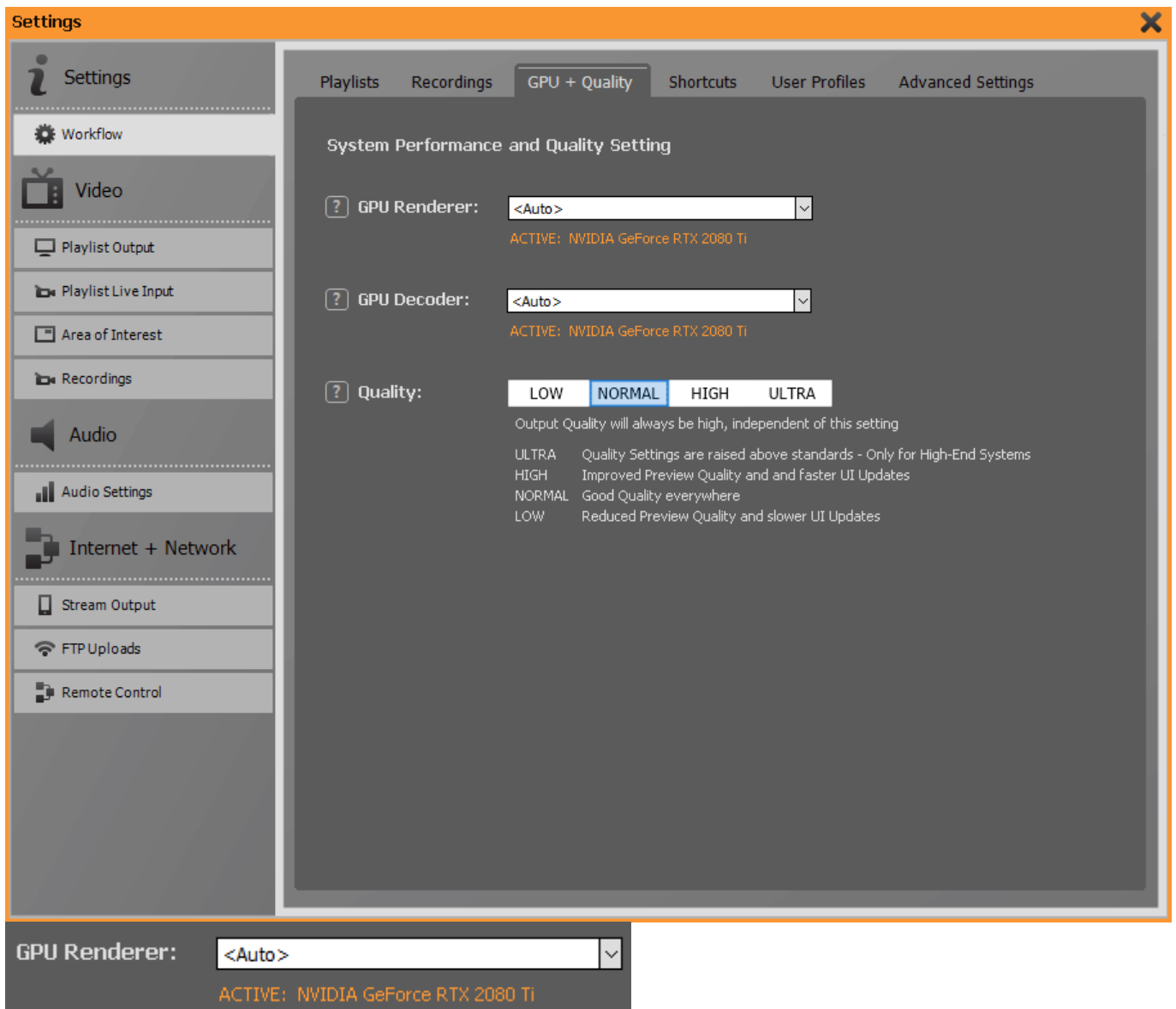


# GPU + Quality



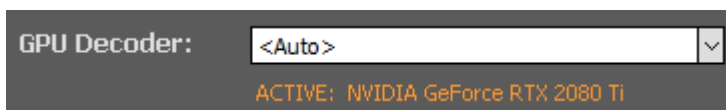
The screenshot shows the 'Settings' window with the 'GPU + Quality' tab selected. The left sidebar contains various settings categories: Settings, Workflow, Video, Playlist Output, Playlist Live Input, Area of Interest, Recordings, Audio, Audio Settings, Internet + Network, Stream Output, FTP Uploads, and Remote Control. The main content area is titled 'System Performance and Quality Setting' and includes three settings:

- GPU Renderer:** A dropdown menu set to '<Auto>'. Below it, it says 'ACTIVE: NVIDIA GeForce RTX 2080 Ti'.
- GPU Decoder:** A dropdown menu set to '<Auto>'. Below it, it says 'ACTIVE: NVIDIA GeForce RTX 2080 Ti'.
- Quality:** A set of four buttons: LOW, NORMAL (selected), HIGH, and ULTRA. Below the buttons, there is a note: 'Output Quality will always be high, independent of this setting'. A table of descriptions follows:

ULTRA	Quality Settings are raised above standards - Only for High-End Systems
HIGH	Improved Preview Quality and and faster UI Updates
NORMAL	Good Quality everywhere
LOW	Reduced Preview Quality and slower UI Updates

Below the main settings window, there is a separate control for 'GPU Renderer:' with a dropdown set to '<Auto>' and 'ACTIVE: NVIDIA GeForce RTX 2080 Ti'.

PLAYDECK performs a variety of scaling and rendering processes during playback. These processes place an unnecessary load on the system CPU and are therefore preferably executed on the GPU. PLAYDECK is highly optimised for use in combination with an Nvidia graphics card. Select the GPU to be used for the rendering processes in the drop-down field. The default setting <Auto> should be fine for most applications.



A close-up of the 'GPU Decoder:' setting, showing a dropdown menu set to '<Auto>' and 'ACTIVE: NVIDIA GeForce RTX 2080 Ti'.

PLAYDECK uses the built-in Nvidia or Intel graphics card for decoding videos whenever possible. Please note that not all codecs can be decoded on the GPU. ProRes codecs in particular cannot be decoded on the GPU on Windows PCs, but only on the CPU.

Quality:

LOW

NORMAL

HIGH

ULTRA

Output Quality will always be high, independent of this setting

In order to be able to use as many resources as possible for the output quality on less performant systems, you can set the quality settings for the previews in this area.

In most cases, the settings *Normal* or *High* should work well.