



REDCINE-X PROFESSIONAL V51.0 (RELEASE NOTES)

RELEASE - V51.0.47074

PROVIDE FEEDBACK

- ▶ Post your feedback and input on the [RED Public BETA Forum](#) (requires log-in)
- ▶ Email your user reports, system logs, and summary of your experience to redbetasw@red.com:
 - In REDCINE-X PRO, go to **Help > Save Report**
 - In REDCINE-X PRO, go to **Help > Save System Information**

GUIDANCE AND SETTINGS

- ▶ Ensure you are running the latest applicable NVIDIA driver
- ▶ Requires Windows OS
- ▶ GPU Decode requires a GPU with a minimum of 4GB
- ▶ Change GPU Mode to CUDA:
 - Go to **Preferences > System**.
 - Select **CUDA** from the **GPU Mode Selection** drop-down menu.

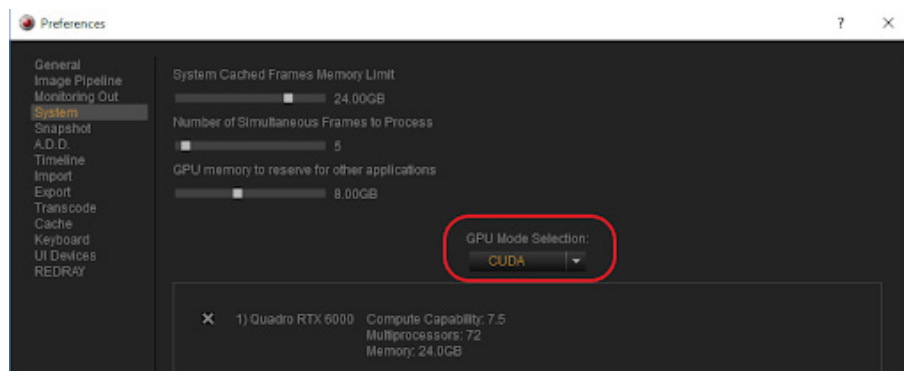


Figure 1. Select CUDA

- ▶ To enable/disable **GPU Decode**, toggle the **GPU** icon in the Control bar.

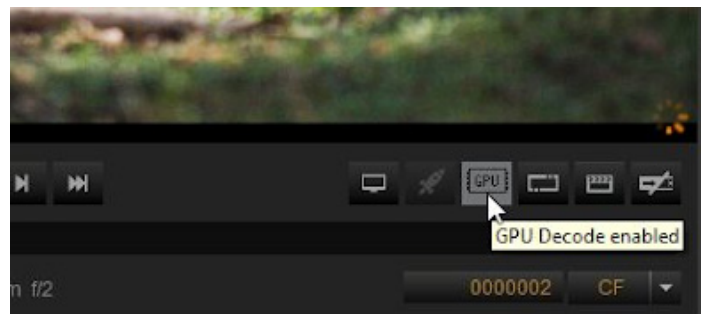


Figure 2. Toggle GPU Decode



RELEASE - V51.0.47404

- ▶ SYSTEM REQUIREMENTS
 - 64-bit Windows Vista to Windows 10 (version 1809)
 - 1GB hard drive space
 - 8GB RAM (recommended)
 - 2GB GPU Video RAM (when using GPU acceleration)
- ▶ Windows 4GB GPU Video RAM (when using GPU R3D decompression)
- ▶ Added: Windows accelerated R3D decompression on supported NVIDIA CUDA GPUs
- ▶ Added: Chroma Noise Reduction in IPP2 (On/Off)
- ▶ Added: Flashing Pixels (Off, Mild, Medium, Strong)
- ▶ Added: Image: Noise Reduction Panel
 - NOTE: Image Noise Reduction features are only available in Full Debayer for the Viewer Window and in Full and Half Premium Debayer for Export
 - NOTE: To add/remove panels, right-click in a panel and select a panel from the drop-down menu.
- ▶ Added: New half resolution premium debayering in IPP2
- ▶ Added: HDR support for select AJA and Blackmagic Design devices
- ▶ Added: Viewer Window IPP2 / Primary Development Only view toggle
- ▶ Added: REDline CDL export
- ▶ Added: REDline Primary Development Only export
- ▶ Added: Monitor Out preferences page
- ▶ Added: Left and Right frame cropping
- ▶ Added: Startup splash screen
- ▶ Enhanced: Cleaned up the default REDCINE-X Pro Home Page
- ▶ Enhanced: ProRes 4444 XQ no longer restricted to just log output
- ▶ Enhanced: ProRes encoder now sets Rec.2020 and HDR-2084 metadata
- ▶ Enhanced: Creative 3D LUT ALT-key Preview mode lock
- ▶ Fixed: RMD file Creative 3D LUT fixes
- ▶ Fixed: Marker loading issues



NOTES

- To take advantage of Windows R3D decompression on NVIDIA CUDA GPUs, ensure that the latest NVIDIA driver is installed via a clean installation.

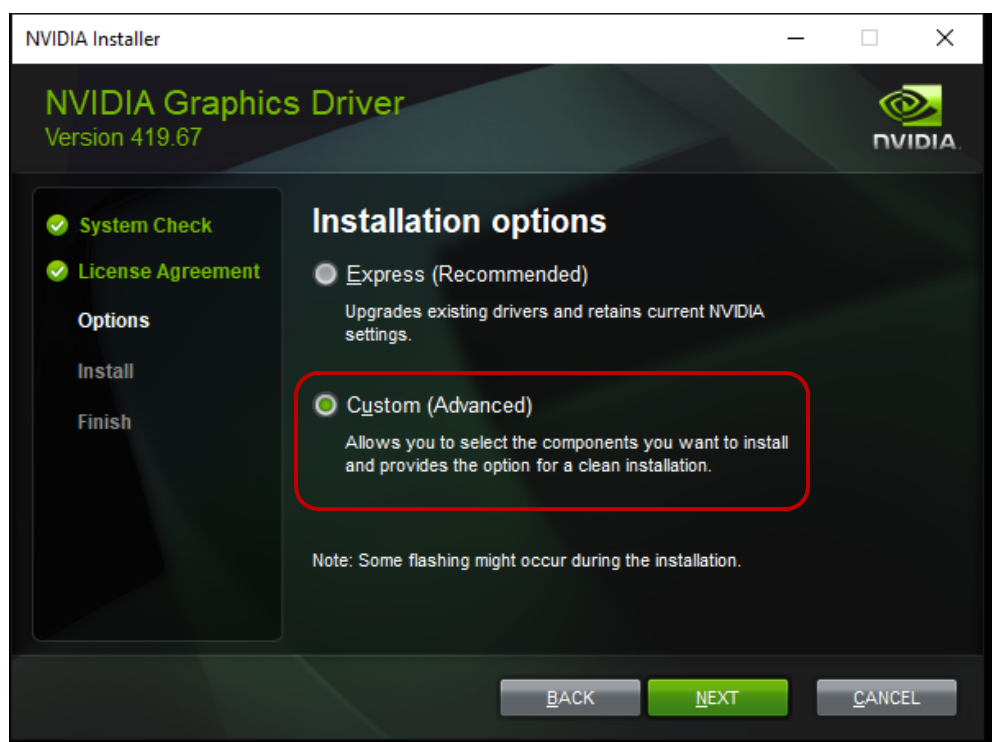


Figure 3. Custom CUDA Driver Installation

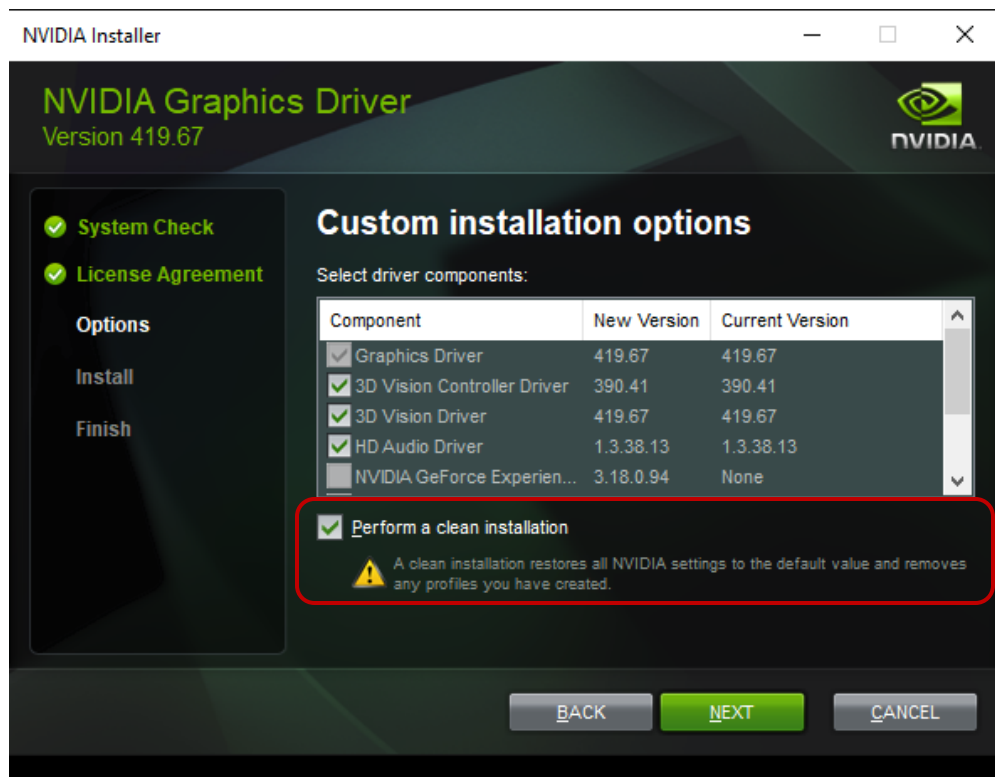


Figure 4. Perform a Clean Driver Installation

- ▶ If performance issues are observed with a multiple NVIDIA CUDA GPU configurations, please ensure that a clean installation of the latest NVIDIA CUDA driver has been performed. (See [Figure 4](#))
- ▶ Image Noise Reduction Panel
 - Chroma Noise Reduction in IPP2 (On/Off) [Full Demosaic Only]
 - To add/remove panels, right-click the panel area, and select the panel you want from the drop-down menu that displays



Figure 5. Chroma Noise Reduction