

# Does GPU usage impact video quality?

Yes, it does. It depends on the GPU utilized and how the manufacturer integrates it with the sensor. When the GPU is activated, digital stabilization can be disabled, the strength of the noise reduction effect can vary, and the color space may change. The GPU continually processes and modifies the signal, even when it's merely passing through.

Activating the GPU enables adjustment of various settings that affect the signal, which are unavailable otherwise. While dimming is possible without a GPU, factors like chroma and discoloration of highlights and shadows are not. Saturation, shadow, and highlight adjustments may also behave differently. The GPU offers numerous possibilities for achieving the final image. However, it may also eliminate features like 10-bit recording.

Just a reminder that with the [free mcpro24fps Demo](#) app, you can independently test all the features you're interested in on your phone, explore the interface, and discover the unique tools of professional video camera.

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