

Here are the general Elgato Game Capture HD60 S System Requirements.

Windows:

- Windows 10 (64-bit)
- 4th generation quad-core Intel Core i5 CPU (i5-4xxx or comparable)
- Intel HD, NVIDIA GeForce GTX 600 series or VCE 3.x compatible AMD graphics (or better)
- 4 GB RAM, built-in USB 3.x port
- Internet connection

Mac:

- macOS Sierra 10.12 or later
- 4th generation quad-core Intel Core i5 CPU (i5-4xxx or comparable)
- Graphics: Dedicated GPU (AMD or nVIDIA)
- 4 GB RAM, built-in USB 3.x port
- Internet connection

See this article for more details:

Elgato Game Capture HD60 S and OS X Software

More Information about Processor (CPU) Type and Speed

To use the basic functionality of Elgato Game Capture HD60 S, including video capture and editing, your CPU needs to be multi-core. It needs to have four or more cores.

## Intel Processors

If you are using an Intel CPU, it should be a 4th Generation Intel Core i5, or a processor from a newer generation that's even more powerful.

Here are lists of 4th Generation Intel Core i5 processors:

<http://ark.intel.com/products/family/75024/4th-Generation-Intel-Core-i5-Processors#@All>

A processor with a suffix like "U" (Ultra-low voltage) or "M" is not recommended, since it will have significantly lower performance. For example, i7-4510U might seem to be powerful, but the U suffix indicates that it has much lower performance than other i7 processors.

Pentium and Celeron processors do not meet the minimum specifications.

## AMD Processors

Many processors made by AMD are also compatible. They should be at least as powerful as a 4th Generation Intel Core i5 processor.

To compare AMD processors to the Intel processors mentioned above, you can use benchmarks like those found here:

<http://www.cpubenchmark.net/>

More Information about Supported Graphic Cards - PC Only

The following information is for the PC only.

For maximum performance, Elgato Game Capture HD60 S requires that your computer have an Intel HD, NVIDIA GeForce GTX 600 series or VCE 3.x compatible AMD graphic card (or better).

These specific graphic cards have dedicated chips allowing hardware video encoding. They use technologies called Intel Quick Sync Video (QSV), NVIDIA NVENC and AMD VCE, respectively. The Elgato Game Capture HD software use these technologies to encode the raw video delivered by Elgato Game Capture HD60 S.

This means that if your computer doesn't have the graphic cards stated above, then your processor will need to be very powerful. Video encoding will then be done by the Elgato Game Capture HD software alone, and not by the graphic card.

In some cases, you may need to lower some settings if you want to use Elgato Game Capture HD60 S with a computer that doesn't have a supported graphics card. See this FAQ for help if you have performance problems:

Improve Elgato Game Capture HD software performance.

What follows is more information about supported and unsupported graphics cards:

Intel CPUs with integrated graphic card:

The following information is for the PC only.

Any 4th generation quad-core Intel Core i5 CPU (i5-4xxx) includes an Intel HD graphic card or better (except the i5-4402EC). Other newer/better Intel CPU series include Intel HD, Intel Iris or Intel Iris Pro (or better) graphic cards. If you are not sure, please check the Intel Website. All these graphic cards are supported by Elgato Game Capture HD60 S.

NVIDIA graphic cards:

The following information is for the PC only.

Only NVIDIA graphic cards supporting the NVENC technology are supported by Elgato Game Capture HD60 S. Any NVIDIA GeForce GTX 600 series graphic card (except some GTX 600M series graphic cards) and newer/better NVIDIA GTX graphic cards support NVENC. If you are not sure, please check with your graphic card manufacturer or find yourself if your NVIDIA graphic card supports NVENC or not using this FAQ: Which NVIDIA graphic cards do support NVENC technology?

AMD graphic cards and APUs:

The following information is for the PC only.

Only AMD graphic cards supporting the AMD Video Coding Engine (VCE) version 3.x or higher are supported by Elgato Game Capture HD60 S. To check if your AMD graphic card supports VCE and which version of it, go to this Wikipedia page: [https://en.wikipedia.org/wiki/Video\\_Coding\\_Engine](https://en.wikipedia.org/wiki/Video_Coding_Engine)

Notes:

AMD hardware video encoding support requires Elgato Game Capture HD software version 3.6 or higher and the latest AMD graphic card drivers: <http://support.amd.com/en-us/download>

AMD APUs are not supported, even if they support VCE 3.x, as none of them currently meet the CPU system requirements for Elgato Game Capture HD60 S.

Upcoming AMD APUs (Ryzen family and latter) may meet the CPU system requirements for Elgato Game Capture HD60 S. See the "More Information about Processor (CPU) Type and Speed" section above in this FAQ in order to check if your AMD APU meets the CPU system requirements for Elgato Game Capture HD60 S or not.

## More Information about Supported Graphic Cards - Mac Only

The following information is for the Mac only.

For maximum performance, Elgato Game Capture HD60 S requires that your Mac have a dedicated GPU. Both NVIDIA and AMD GPUs are supported.

Macs with only an Intel integrated GPU are not supported as most of them won't be able to process hardware video encoding and video compositing at the same time (a dedicated GPU is required for video compositing in most cases).

### Important notes:

You may try using a Mac with no dedicated GPU with Elgato Game Capture HD60 S but in this case you will probably not be able to record or stream in 1080p60 without losing frames. If this is the case, you will need to reduce the frame rate (30 fps) and/or the resolution (720p) and/or eventually the value of the quality parameter.

You can find a list of Macs able to encode in 1080p60 in real-time at the end of this FAQ: [Elgato Game Capture HD 60 S - Hardware Encoding via certain Macs](#)

## More Information about Total Installed RAM

To use the basic functionality of Elgato Game Capture HD software with Elgato Game Capture HD60 S, including video capture and editing, your total amount of installed RAM needs to be 4GB or higher.

If you have less than 4GB of installed RAM, then there will be various problems that will not be solvable, such as incorrect playback or capture. Such a low amount of RAM is not supported in any way. The only remedy would be to install more RAM.