



Video Pro X

Notes regarding hardware acceleration

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Video Pro X takes advantage of the hardware acceleration of modern graphics cards for performance optimization. With the brand-new INFUSION Engine, we have prioritized making the most efficient video decoding possible.

Supported import and export formats

Intel® HD/UHD Graphics 520 (or higher)
MPEG2, AVC, HEVC

NVIDIA GeForce GTX 1050 (or higher)
HEVC

For projects with source material in various formats, we recommend an **Intel® HD/UHD Graphics** GPU.

Use the following instructions to optimally configure your PC's settings for Video Pro X.

Which graphics card(s) is/are installed on my system?

Intel® HD/UHD Graphics

In this case, Video Pro X will use the integrated graphics unit of your Intel CPU fully automatically. Please check to make sure that the latest graphics card drivers from Intel are installed

https://www.intel.com/content/www/us/en/support/products/80939/graphics-drivers.html?_ga=2.240554503.527257537.1560350259-761226234.1560350259

Intel® HD/UHD Graphics + dedicated graphics card

In addition to you Intel CPU with Intel® HD/UHD Graphics unit, do you have a dedicated graphics card installed in your PC?

Then, you can also take advantage of the full power of your Intel graphics unit in Video Pro X.

Please make sure that both graphics cards are installed and active.

If you require assistance doing this, please read the following section in this document entitled **“Information about installed hardware”**.

Otherwise, please follow the instructions regarding **“Program settings”** at the end of this document

Information about installed hardware

If you need information about the hardware installed on your PC, please follow the instructions below.

Windows 10 (starting from version 1709)

Open the Windows Task Manager (right-click on the task bar > **Task Manager**) and switch to the “**Performance**” tab.

The most important devices in your PC are displayed in the left area.

a) GPU 0 available

GPU 0 is the primary graphics card.

This can be an integrated graphics card from an Intel CPU or a dedicated graphics card.

If an **Intel® HD/UHD Graphics** is being displayed as GPU 0, you may skip all further steps and begin working with the program.

Is your **dedicated graphics card solely displayed as GPU 0** even though the installed Intel CPU also contains an integrated Intel® HD/UHD Graphics unit?

In this case, continue with the instructions in the section ‘**Activating Intel® HD/UHD Graphics**’.

b) GPU 0 und GPU 1 available

Your graphics cards are active and ready for use.

Please check to make sure that the latest graphics card drivers from Intel are installed.

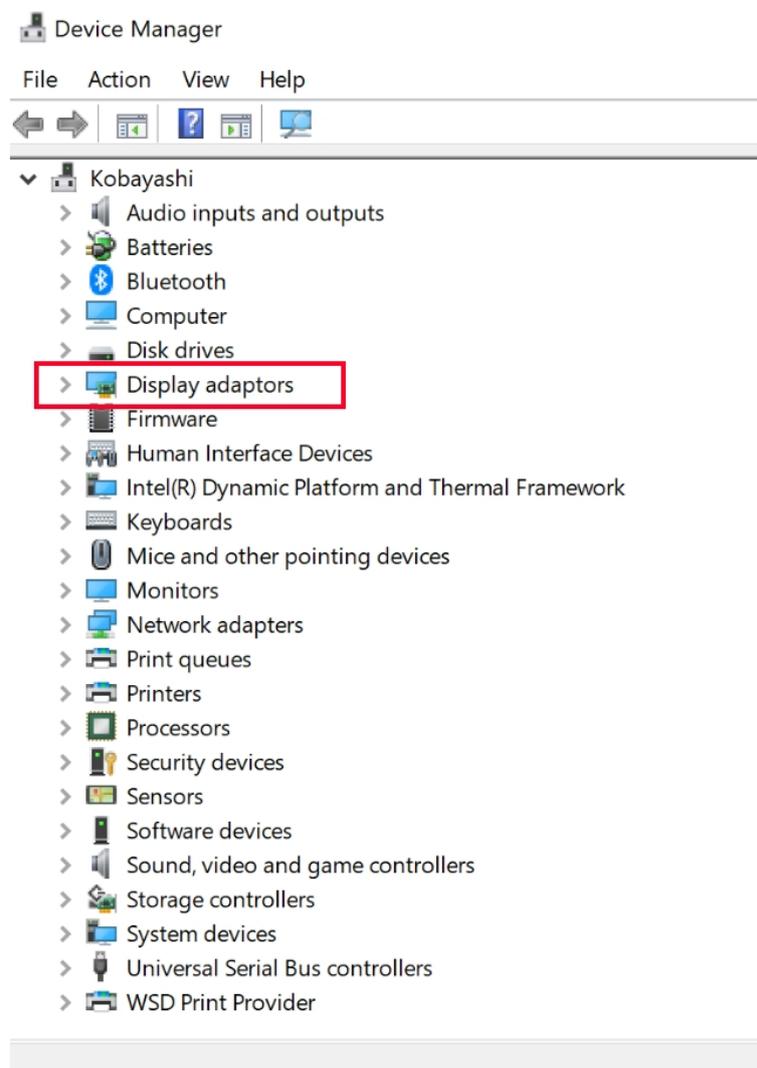
<https://www.intel.com/content/www/us/en/support/products/80939/graphics-drivers.html? ga=2.240554503.527257537.1560350259-761226234.1560350259>

Please follow the instructions regarding “**Program settings**”.

Windows 7 / 8 / 10

Older versions of Windows do not display GPUs in the Task Manager.
Use the **Device Manager** to check the hardware installed.

1. Open the Start menu.
2. Choose the “Control Panel” option.
3. Switch to “System and Security”.
4. Click on “System”.
5. Then in the area on the left, you can start the “**Device Manager**”.
6. Open the ‘**Display adaptors**’ category from the device list and check the devices installed.



Note: Be sure that the latest drivers are available for all graphics cards. You can recognize devices without drivers install based on a yellow exclamation point.

Activating Intel® HD/UHD Graphics

If you are using a dedicated graphics card, there is the possibility that your system has automatically deactivated the integrated graphics care of your Intel CPU.

You can activate it by following these steps:

1. Activate the Intel® HD/UHD Graphics in the BIOS/UEFI (please consult the handbook for your mainboard).
2. Install up-to-date install drivers.
(https://www.intel.com/content/www/us/en/support/products/80939/graphics-drivers.html?_ga=2.176747942.2033391678.1560350964-761226234.1560350259)

After restarting your PC, please check the active GPUs again in either the Task Manager or Device Manager. Then follow the instructions regarding “**Program settings**”.

Activating a NVIDIA GeForce

Video Pro X exclusively offers support for graphics cards from NVIDIA. In addition to accelerated **calculation of effects**, these graphics cards can be used for accelerated **decoding** and **encoding** of videos in **HEVC** format.

To activate hardware acceleration, please follow the steps in the section “**Program settings**” and then select the **NVIDIA graphics card**.

If you primarily use HEVC videos in your projects, an NVIDIA graphics care provides the most performance.

Program settings

Open the Program settings in Video Pro X via:

File > Settings > Program...

Select the ‘**Display options**’ tab.

Choose the **Intel® HD/UHD Graphics** unit in the ‘**Video mode**’ area.