



AUTODESK® AUTOCAD®

AutoCAD uses the wrong graphics card

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Issue:

On a system with integrated graphics (mostly laptops), AutoCAD uses the integrated graphics adapter instead of the advanced or discrete graphics card.

Causes:

The technology for the dual video configuration is called „Optimus“ by NVIDIA and „Enduro“ or „Dynamic Switchable Graphics“ by AMD. The problem comes from the switching software choosing the wrong GPU for the AutoCAD.

Solution:

There are two possible solutions:

1. Disable the integrated (or switchable) adapter in your computer BIOS to force the system to use only the high-end graphics. The bios setting may be labeled along the lines of „default video,“ „integrated video,“ „Intel video,“ „Optimus,“ or „Enduro.“
2. From your video driver control panel, manually set the proper GPU for AutoCAD to use (see AutoCAD crashes when opening or closing drawings on laptops with dual graphic cards).

Note: Some computer systems may use a master-slave video configuration. Intel HD Graphics is the master and NVIDIA/AMD is slaved to it. All display signals go through the Intel chipset no matter what card is being used. With this configuration, the second option above is the only solution. The bios will not have a setting to disable dual graphics. Also, after setting AutoCAD to use the high performance GPU, the tuner log in AutoCAD may still show Intel but the program will really be using the NVIDIA/AMD card.

See Also:

[Crash on systems with integrated \(Intel HD\) and discrete GPUs \(NVIDIA/AMD\)](#)