

OpenNet

by **kms**

Install the GPU – Windows 10

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1 Abbreviations and acronyms

AMD **A**dvanced **M**icro **D**evelopers

KMS **K**ernel **M**ode **S**oftware

PCIe **P**eripheral **C**omponent **I**nterconnect **e**xpress

SDK **S**oftware **D**evelopment **K**it

2 Introduction

This document describes how to install the graphic card used with OpenNet under Windows 10.

3 Install the hardware

Install the graphics card used for processing in the PCIe expansion slot that is closest to the processor. This is usually one of the expansion slots that offer the best performance.

Important: Ideally, the graphics card used for processing should not be used for display, as this adds processing delays which in some cases may prevent processing of all received packets.

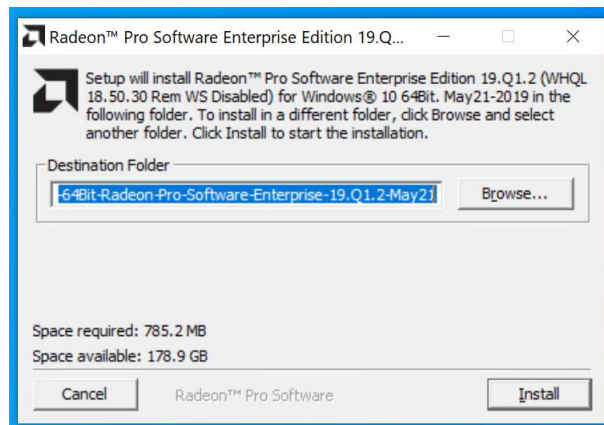
4 Install the graphic card drivers

Important: During installation, a screen must be connected to the graphics card used for processing.

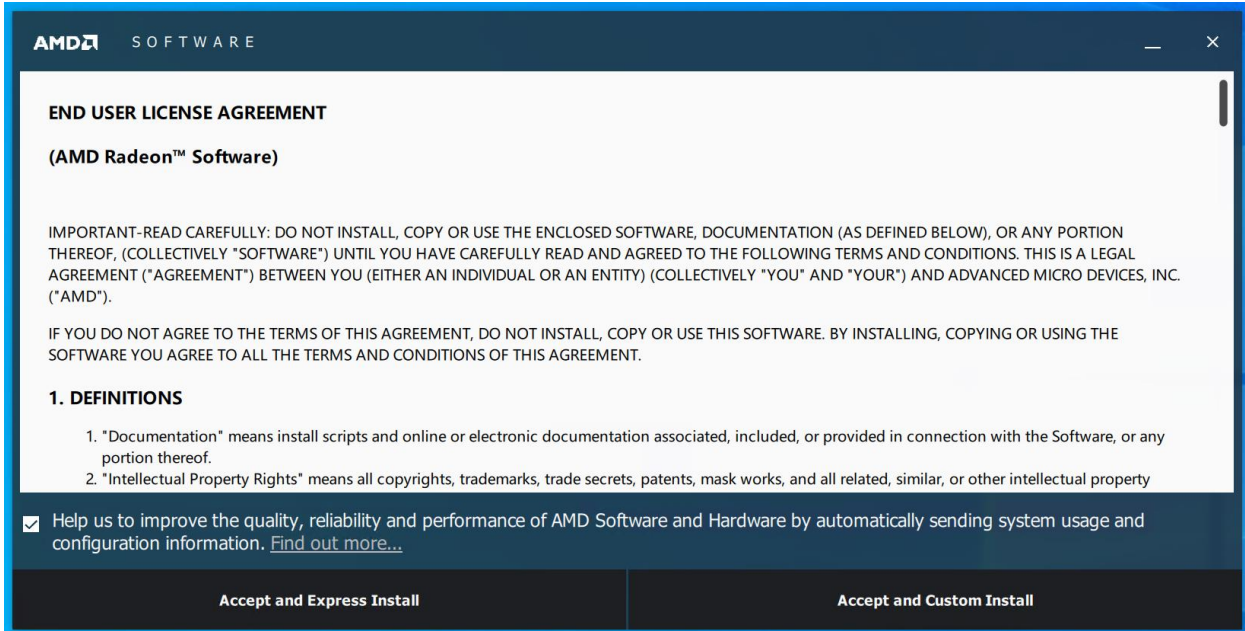
1. Download the driver installer from AMD's website (www.amd.com) and start running it.



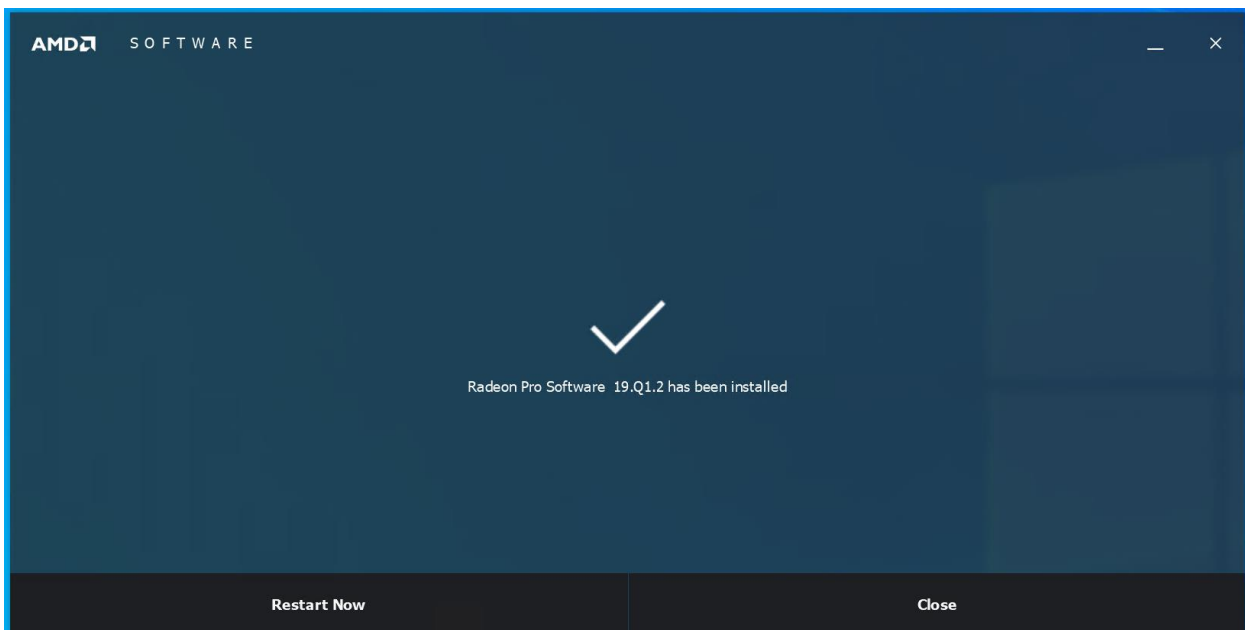
2. Click "Yes"



3. Click "Install"



4. Click “Accept and Express Install”

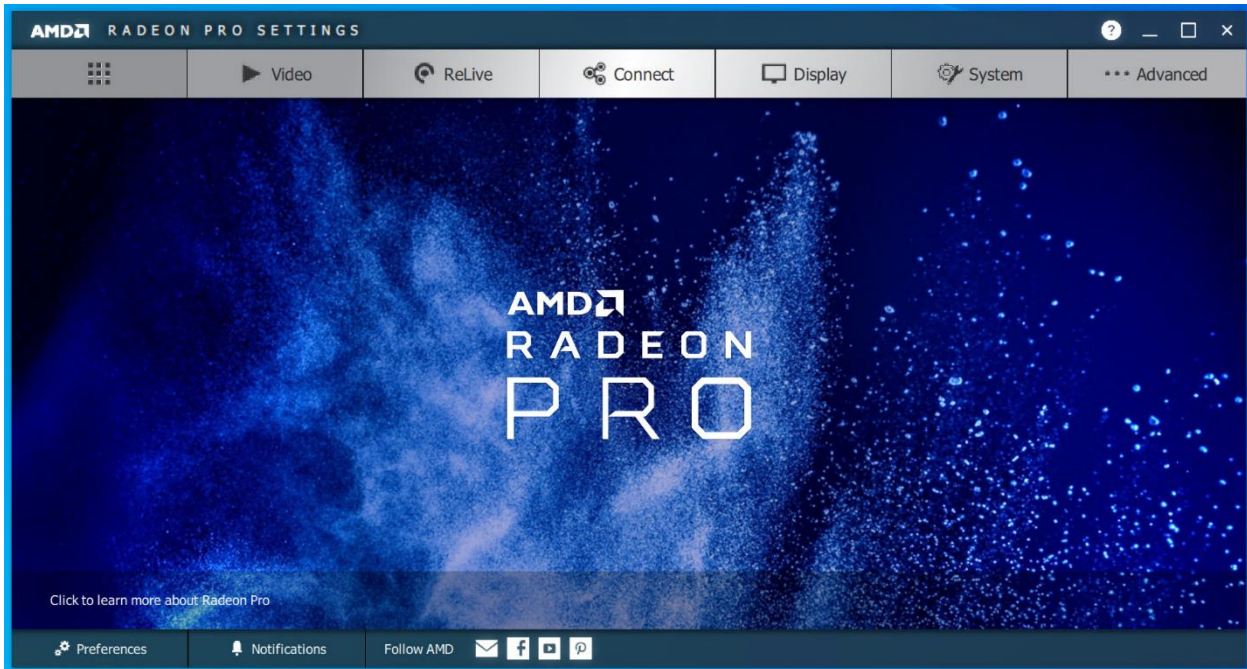


5. Click “Restart Now”

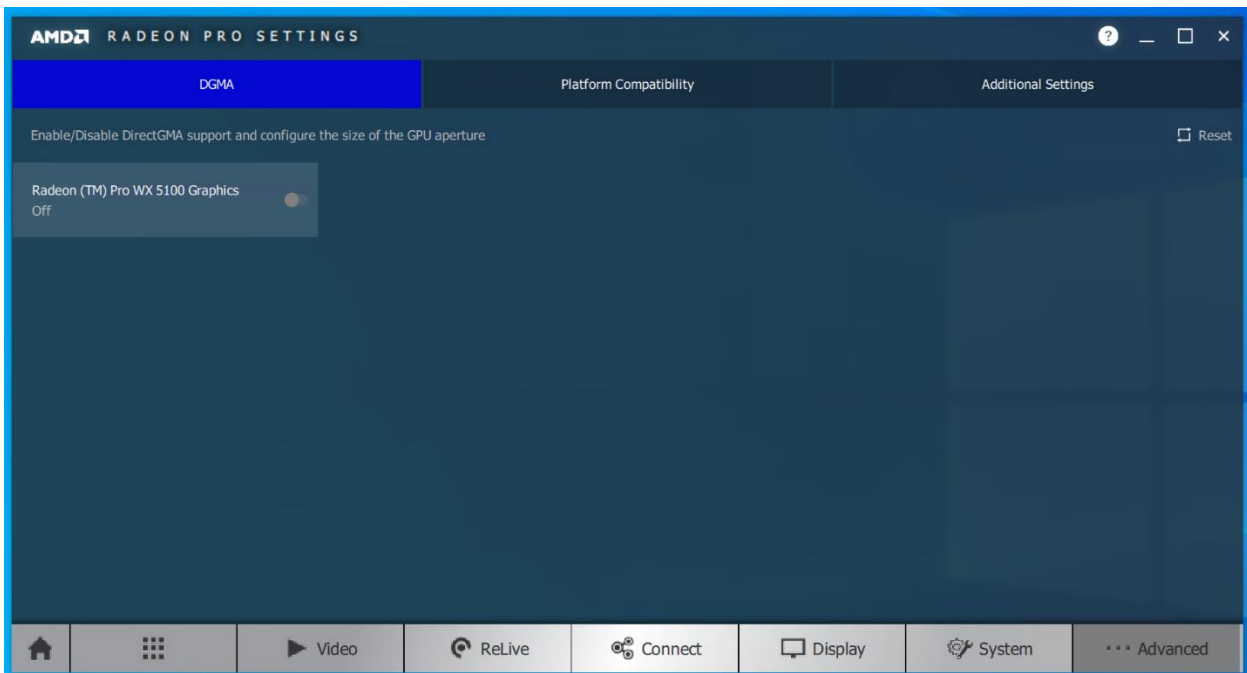
4.1 Configure the graphics card

Important: During the configuration, a screen must be connected to the graphics card used for processing.

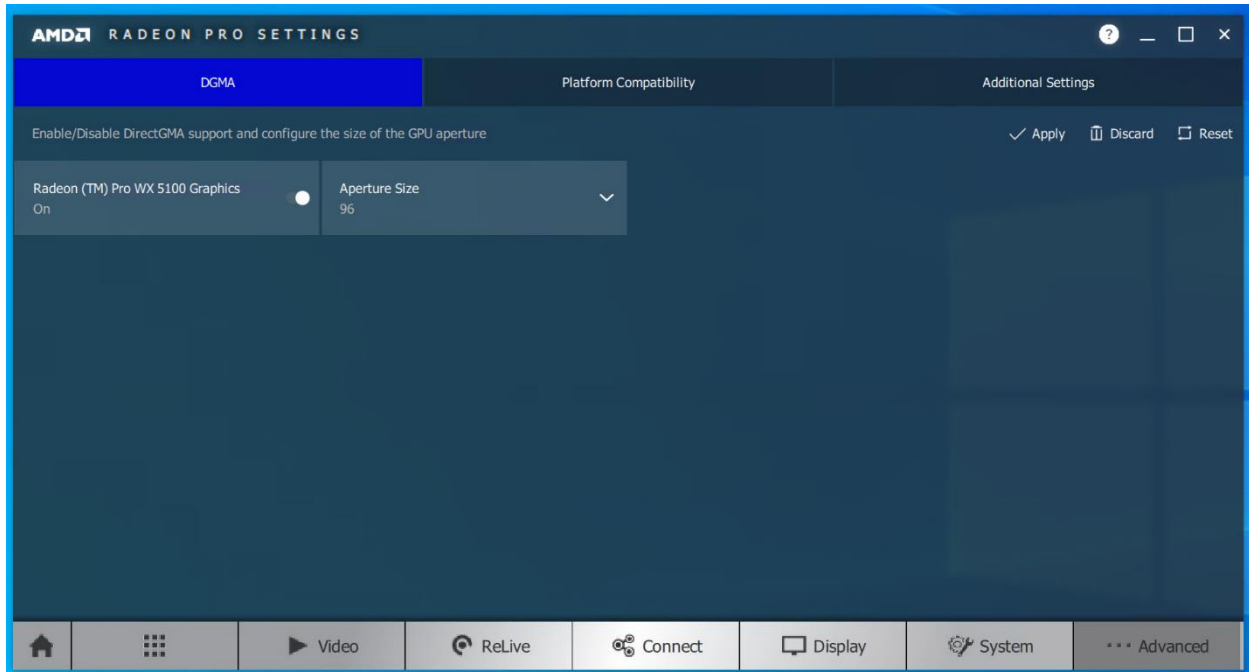
1. From the Start menu, launch “AMD Radeon Pro Settings”



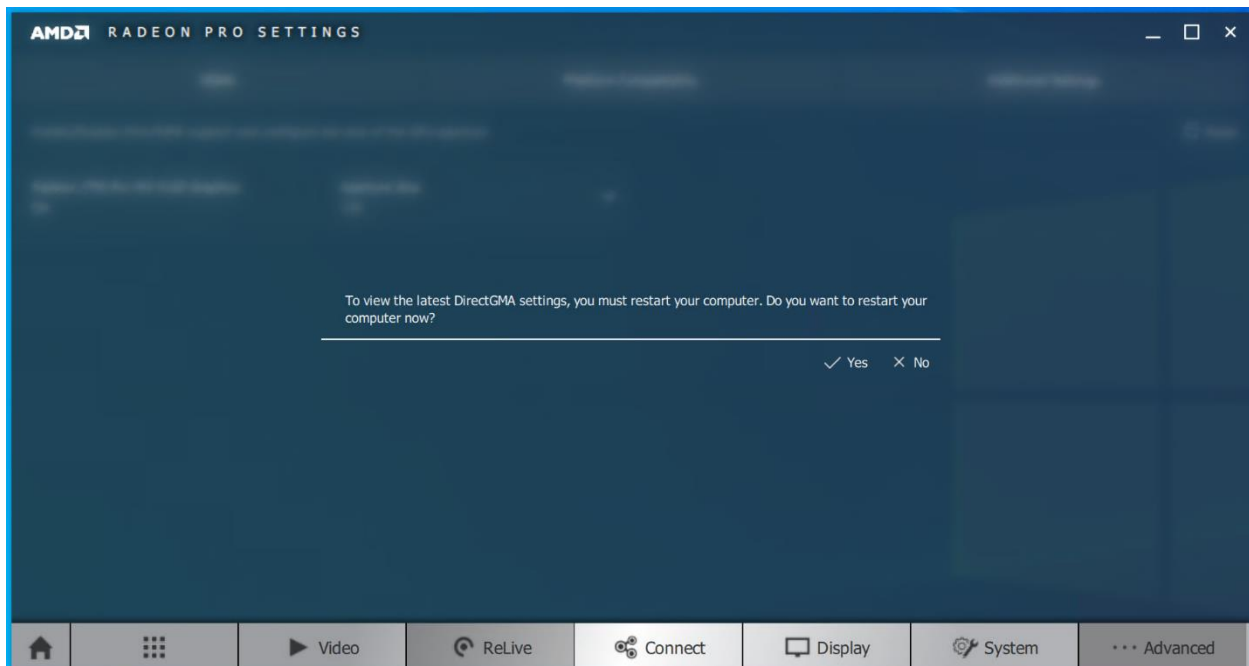
2. Click “Advanced”



3. Click the name of the card that will be used for processing.



4. Change the "Aperture Size" to 128 MB.
5. Click "Apply".



6. Click "Yes".
7. If appropriate, change the Windows display configuration not to display using the graphics card used for processing.

1.

4.2 Install the AMD APP SDK

IMPORTANT

AMD no longer support the AMD APP SDK.

KMS is working to modify OpenNet to continue to support OpenCL on Windows without using AMD APP SDK.

1. Download the AMD APP SDK 3.0 from <http://www.kms-quebec.com/d/AMD-APP-SDKInstaller-v3.0.130.135-GA-windows-F-x64>
2. Execute the installer