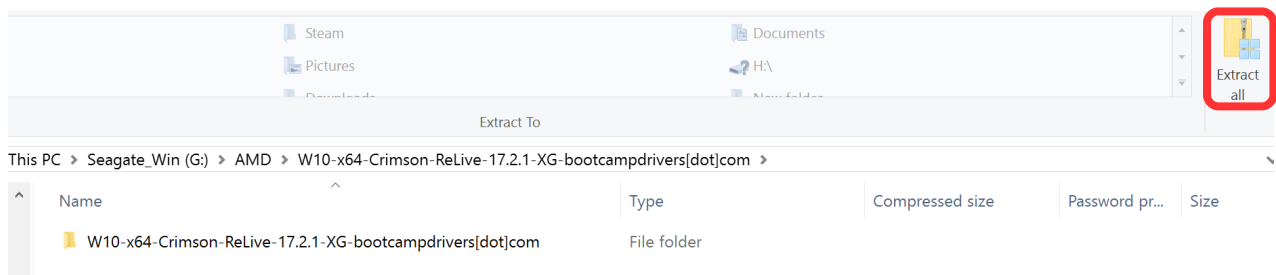# BootCampDrivers.com

INSTALLATION GUIDE

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INSTALL GUIDE

Ensure that Windows is fully up-to-date. Drivers require at least Windows 10 Anniversary Edition or newer.

1) Open the downloaded ZIP file and click 'Extract All' in Windows Explorer. Choose a location to extract the files on the next screen.
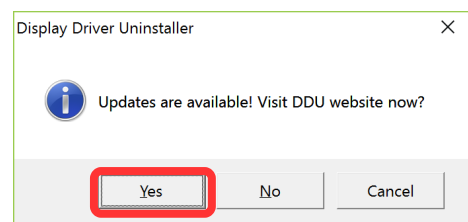

2) Open 'DDU v… .exe' and extract the files into the driver folder.

3) Run 'Display Driver Uninstaller.exe', clicking 'Yes' to allow permission for changes if prompted.

   On launch, if you see the window on the right,

   click 'Yes' to visit the website and download the latest version before continuing.
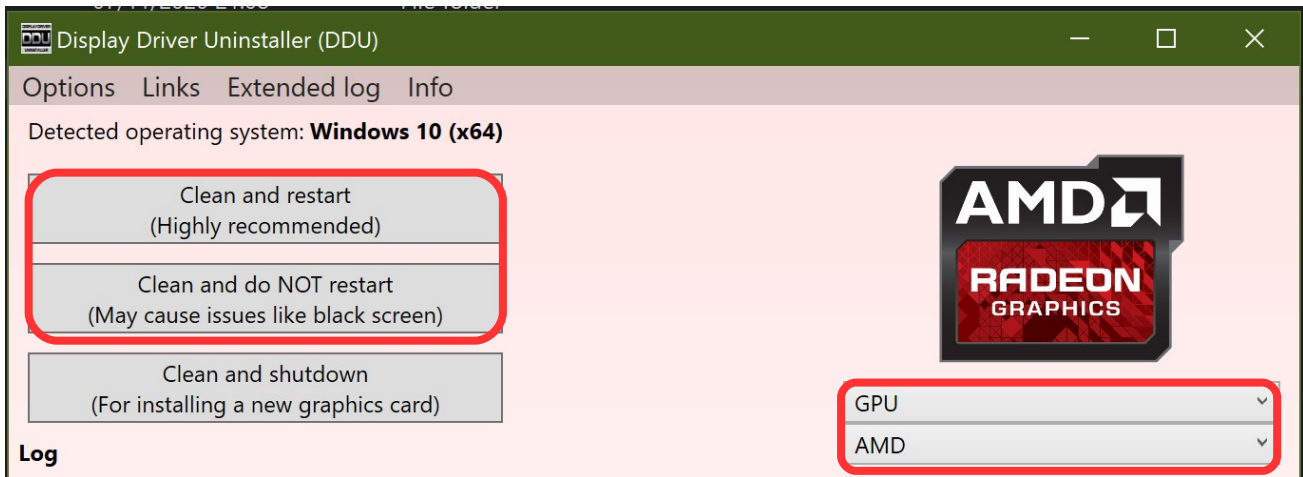

4) DDU no longer gives you the option to boot into safe mode from within the software. So once DDU is up-to-date, you need to hold the shift key whilst clicking on 'Restart' from the start menu. When you've arrived at a blue screen (Windows 10), click on the following buttons:
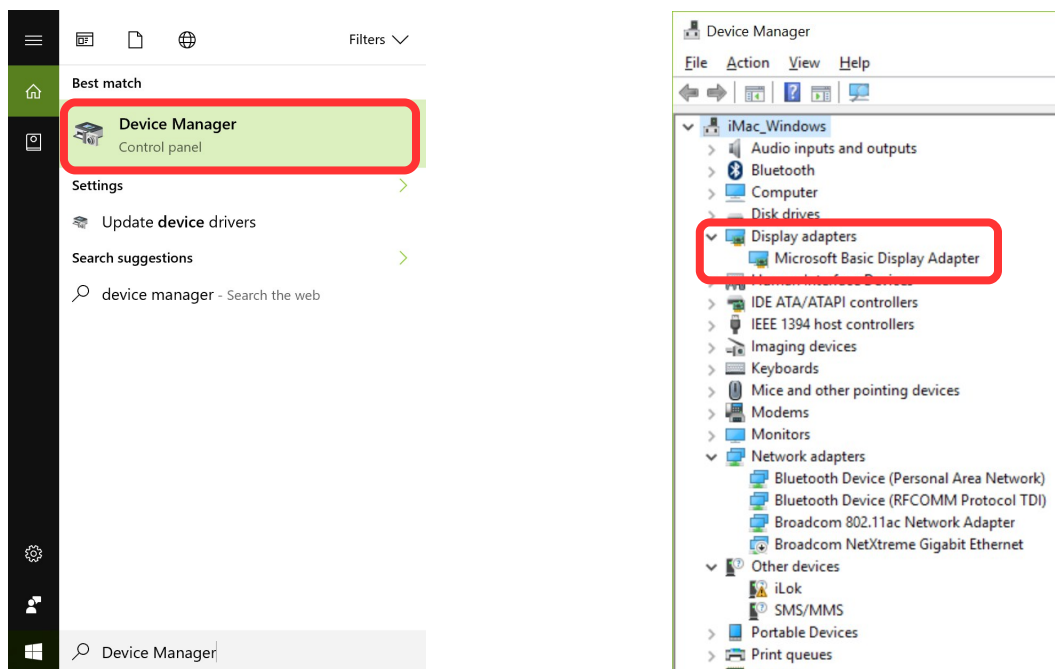
Troubleshoot -> Advanced settings -> Startup settings -> Restart

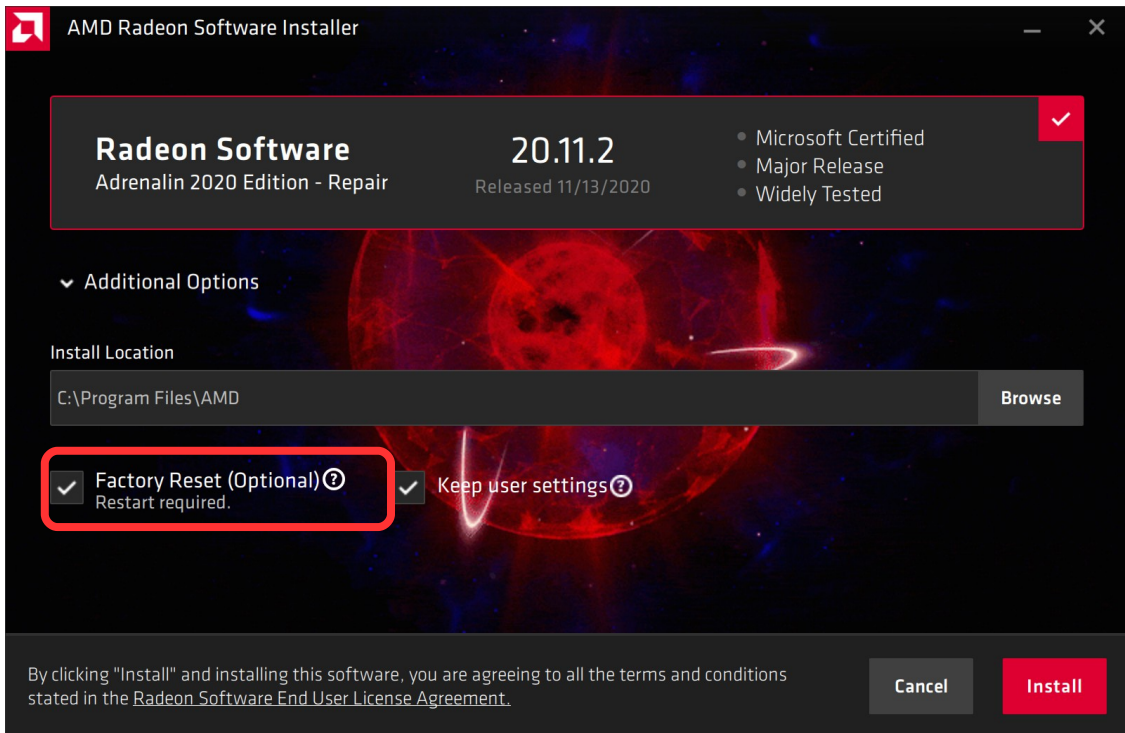Your computer will now restart. Remember to hold the option key down otherwise it may boot back into macOS.

5) When the computer has rebooted, choose 'Safe Mode' (press 4) to finish booting into safe mode, then open DDU. Make sure 'AMD' is selected as the graphics driver. Click 'Clean and do NOT restart' to remove your current graphics driver. Do this **TWO** times in total to ensure the old drivers get cleaned out properly. On the **THIRD** time, Click 'Clean and restart' to remove your current graphics driver. The computer will restart again automatically once completed.

6) Once rebooted, open Device Manager (e.g. type 'Device Manager' into the search bar), and check that under 'Display adapters' it shows 'Microsoft Basic Display Adapter'. The graphics driver uninstall was successful.
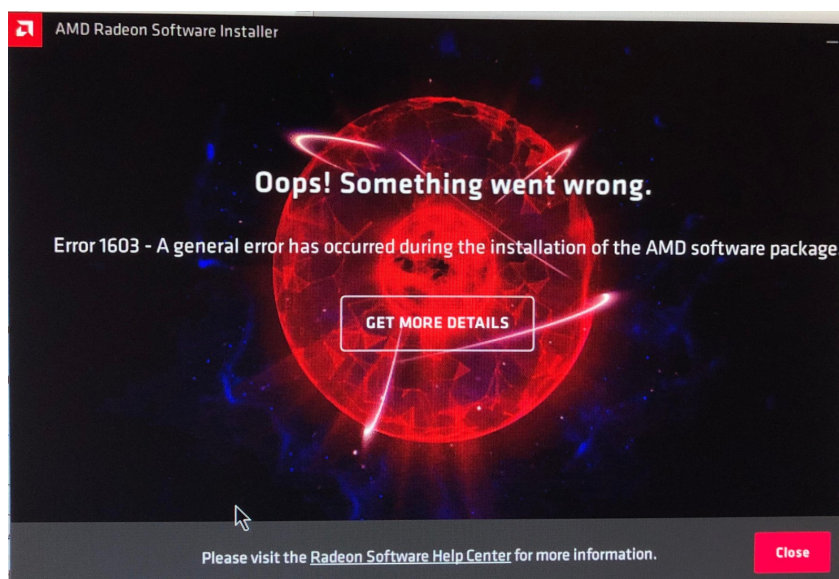

7) Now we are ready to install the new drivers. Click 'Setup.exe' in the driver folder to begin, clicking 'Yes' to allow permission for changes if prompted. **Make sure factory reset option is ticked.** Click install.

8) Once installation is complete, if you have a checkbox for 'Keep system up-to-date', make sure it is **NOT** ticked. Restart your computer before you start using the new driver. Open device manager again in the same way as step 6) to see if the driver is working properly.

9) In order to restore full OpenCL capabilities to your card, open 'Install-OpenCL-AMD-SDK-v1.4.87.exe' to install the SDK. **This may be required for Radeon ReLive to work properly.**

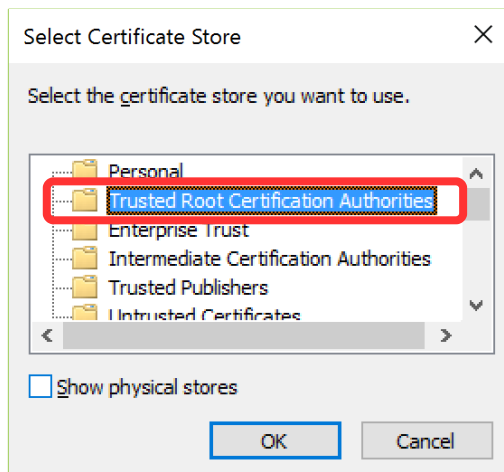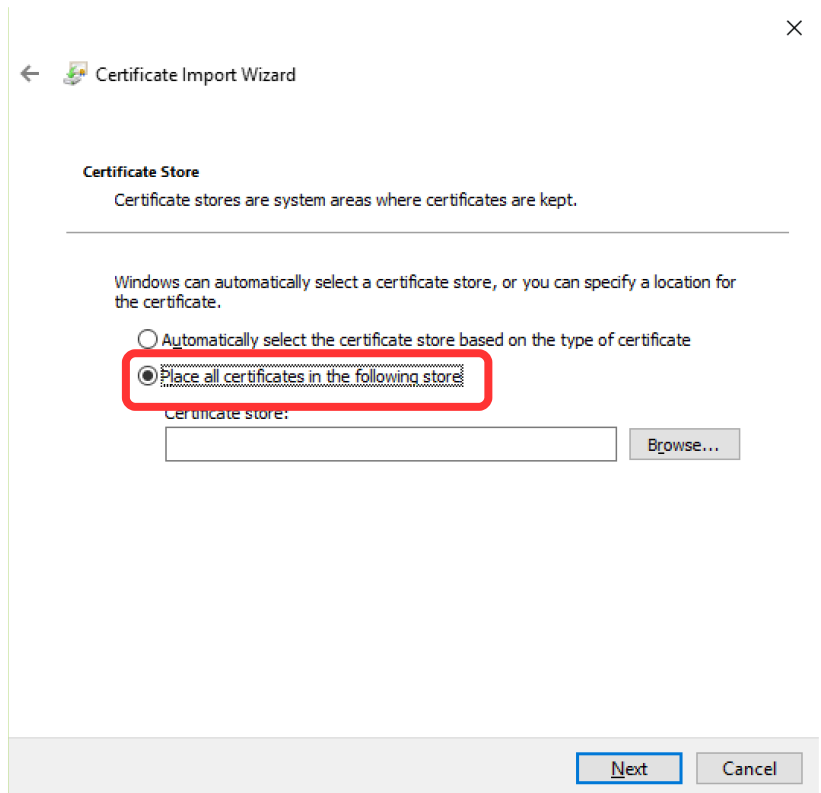**To install future updates to the modified driver, simply repeat the steps above.**

Note: If the installation fails at the end with a message that is similar to the following…

… then you need to install the provided certificate so that the installer trusts the modified driver. If you are not on the Anniversary edition or later of Windows 10 then you may also see the above message until you update.

To install the provided certificate, follow these instructions:

1) Open the file 'AddTrust External CA Root'.

2) Click the 'Install Certificate...' button, then on the next window select 'Local Machine' and click 'Next'.

3) Allow for User Account Control to make changes if you are prompted, then on the next window click 'Place all certificates in the following store' and click 'Browse...'. Then select 'Trusted Root Certification Authorities' in the next window and click 'OK' and then 'Next' on the other window.

4) Click 'Finish' in the final window to complete the certificate installation. Then run setup.exe again.

OVERCLOCKING

Disclaimer: This a guide only and the values here are what I have found suitable for an M295X graphics card in an iMac 5k from 2014. Different mac models and graphics cards will have different overclocking limits, therefore 'trial and error'.

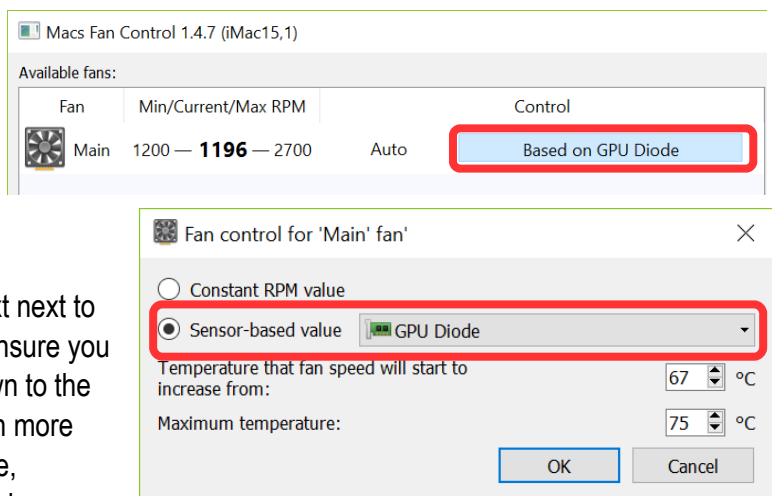What you need:

- MSI Afterburner or AMD Overdrive

MSI Afterburner available for download at: https://www.msi.com/page/afterburner

- MacsFanControl

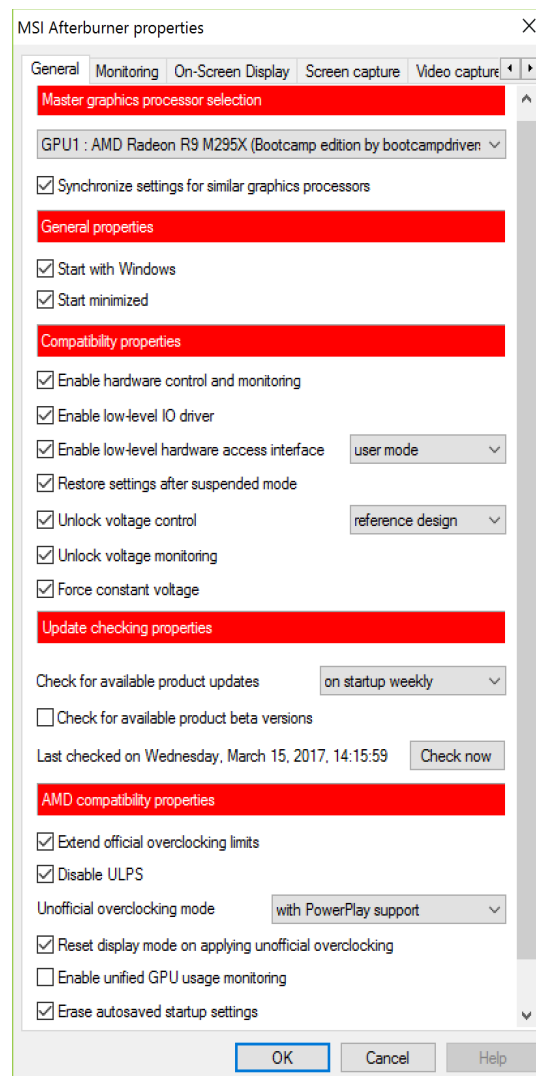Available for download at: https://www.crystalidea.com/macs-fan-control

MACSFANCONTROL INSTRUCTIONS

- Download MacsFanControl. Run the setup and restart your computer.

- Once you're back on the desktop, click into the notifications bar on the bottom-right, right-click on the MacsFanControl icon and select 'Show MacsFanControl'.

- In the window that appears, click on the text next to 'Auto' as shown below (bottom left), then ensure you have the following settings applied as shown to the right. This will make the fans ramp up much more aggressively than with stock Apple firmware, allowing for maximum overclocking potential.
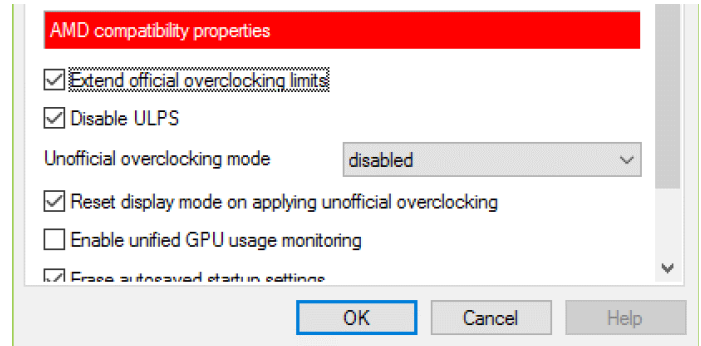
MSI AFTERBURNER INSTRUCTIONS

- Download MSI Afterburner. Run the setup and restart your computer.

- Open MSI Afterburner, then click on the settings button (this can vary where it is located based on which version or skin you are using).

- In the MSI Afterburner properties window that appears, ensure your settings match the following by ticking the unticked boxes as shown below.

- After clicking 'OK' you will be required to restart your computer for changes to take effect.

- Open MSI Afterburner again after rebooting. You can now alter the core clock and memory clock speeds on your graphics card. Recommended safe overclocking for M295X is 860 MHZ on core clock and 1400 MHZ on memory clock. This will vary for different graphics cards however. See the forum for more user guides.

AMD OVERDRIVE INSTRUCTIONS

- First of all, MSI Afterburner will need to be downloaded so that the setting to enable AMD Overdrive can be applied. Run the setup for MSI Afterburner then restart your computer.

- Open MSI Afterburner, then click on the settings button (this can vary where it is located based on which version or skin you are using).

- In the MSI Afterburner properties window that appears, there is one checkbox called 'Extend official overclocking limits' that needs to be ticked (see below). This will enable AMD Overdrive in the Radeon Crimson software, which can be found under the 'Gaming' tab and 'Global Settings' (see bottom image). Ignore all other checkboxes/settings in MSI Afterburner. **You may also need to set 'Unofficial overclocking mode' to 'with Powerplay support' with some driver versions.**

- After clicking 'OK' you will be required to restart your computer for changes to take effect.

- You can now remove MSI Afterburner from your computer if you wish.

Note: You may need to re-tick the 'Extend official overclock limits' box to enable overclocking again after installing a graphics driver update.