



ASRock AI QuickSet Software Installation Guide

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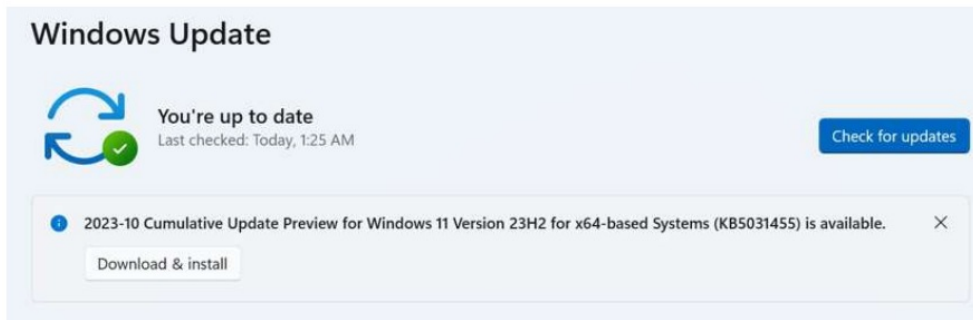
System Requirements

Hardware Requirement	
CPU	Intel® 14th/13th Gen Core™ Processors AMD Ryzen™ 7000/5000 Series Processors
Motherboard	Intel® 700/600 Series MotherboardsAMD 600/500 Series Motherboards
Memory	32 GB
Graphics Card	ASRock AMD Radeon™ RX 7000 Series Graphics Cards*
Storage	25 GB available space, SSD recommended.
InternetConnection	Internet connection for both installation and use. Broadbandrecommended.

Software Requirement	
OperatingSystem	Microsoft Windows 11 22H2 64-bit and later update**
Driver	The latest driver for AMD Graphics***

Note

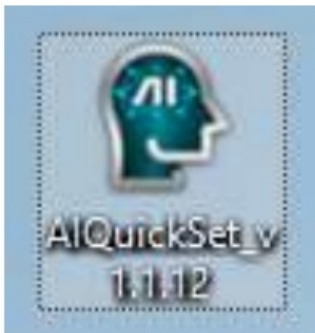
- ASRock AI QuickSet software supports only the platforms that are equipped with ASRock AMD Radeon™ RX 7000 series graphics cards.
- The Windows 11 22H2 64-bit and later update should be in a clean install, and please also run the Windows Update to make it up to date as below status.



- You can find and download the latest driver of AMD Graphics here: <https://www.amd.com/en/support>

Software Installation

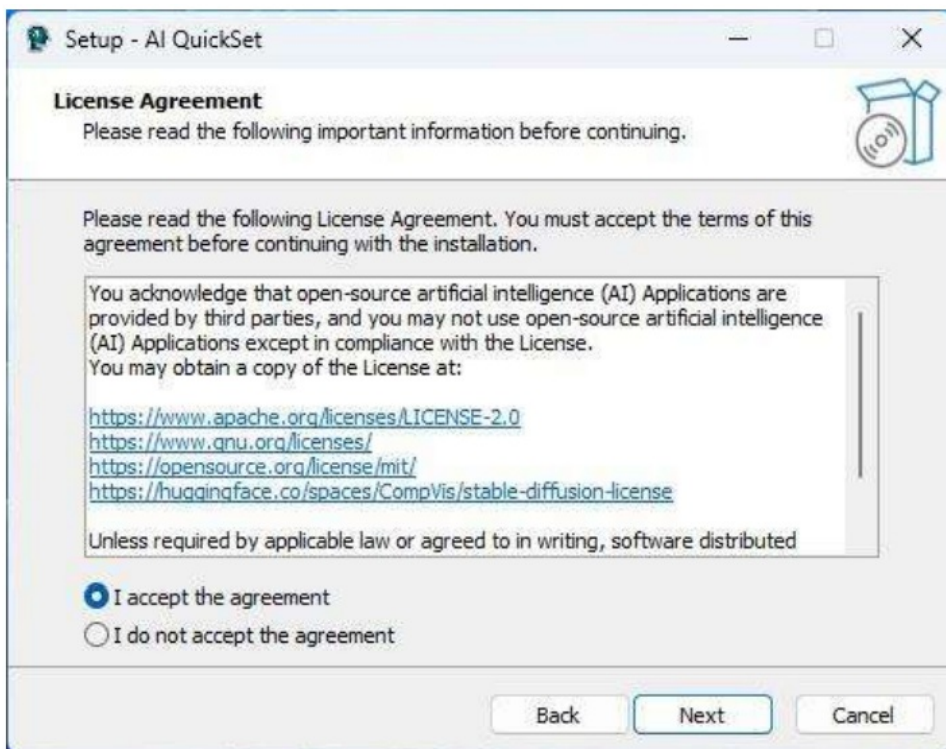
- Download the AI QuickSet installer. Check to see if it is the version one you prefer. Then double click it to start the installation.



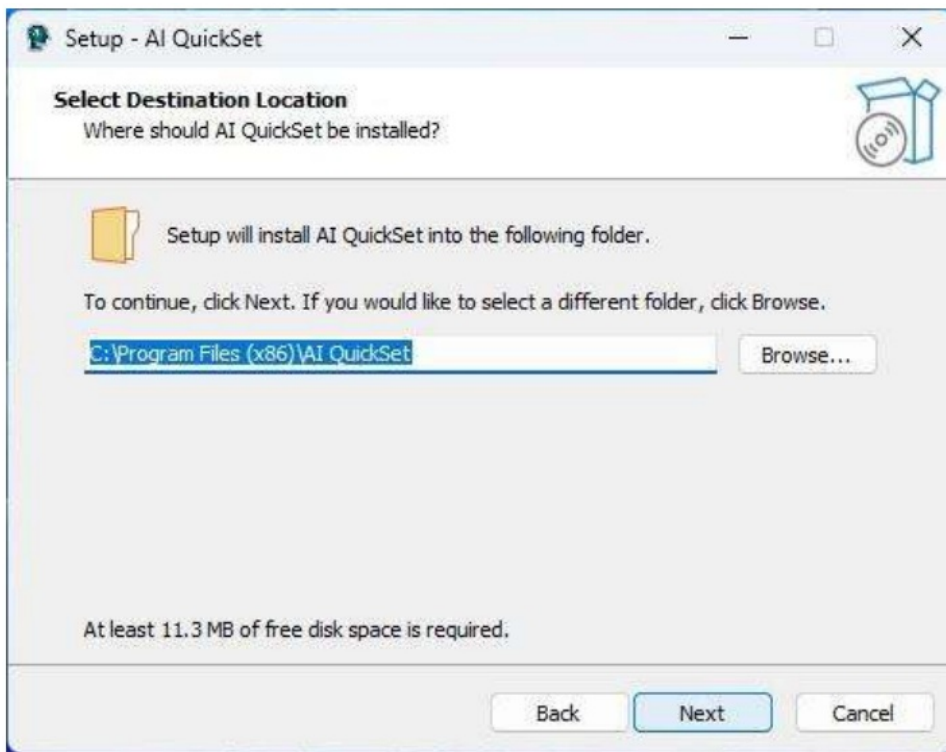
- Welcome page, click "Next".



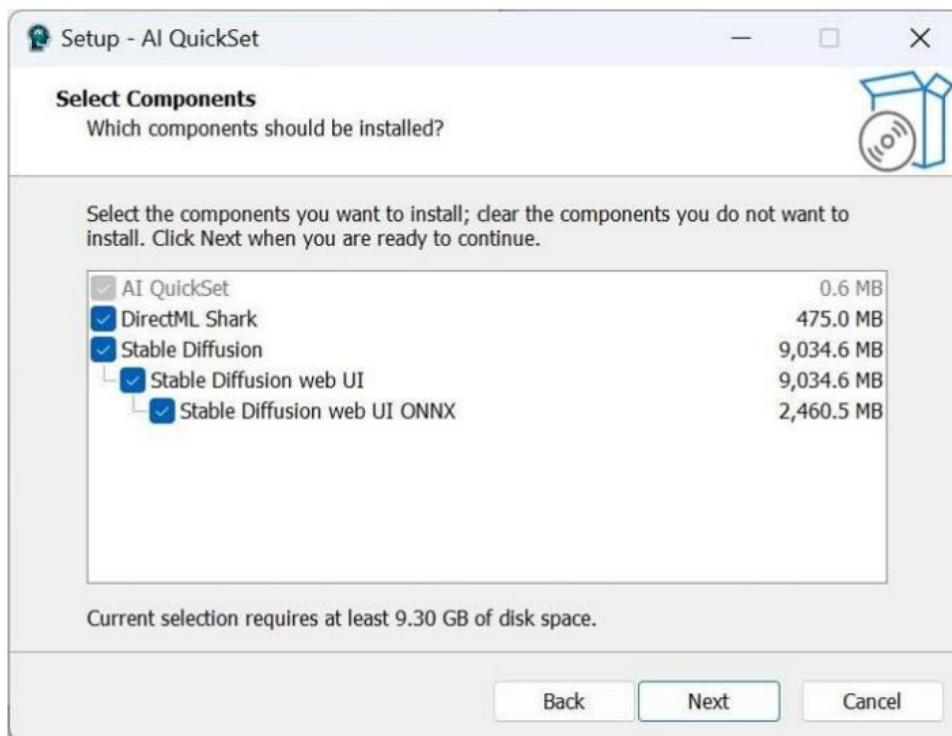
3. Please read the license agreement. If you agree it, please choose “I accept the agreement” and then click “Next”.



4. Select the folder where to install this software, and then click “Next”.



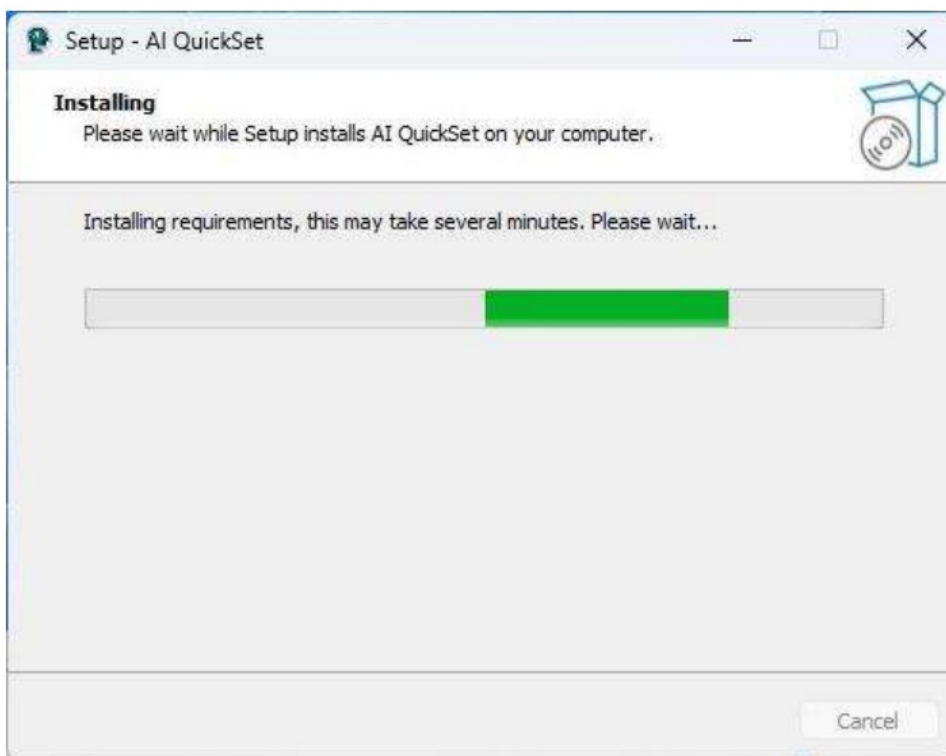
5. Select the components you preferred to install, and then click “Next”.



6. Verify every tasks and items, and then click “Install” to start to install all selected components immediately.



7. The installing process may take at least 5 minutes. Actual time spent may vary by your system configuration and network speed. Please wait until it is done.

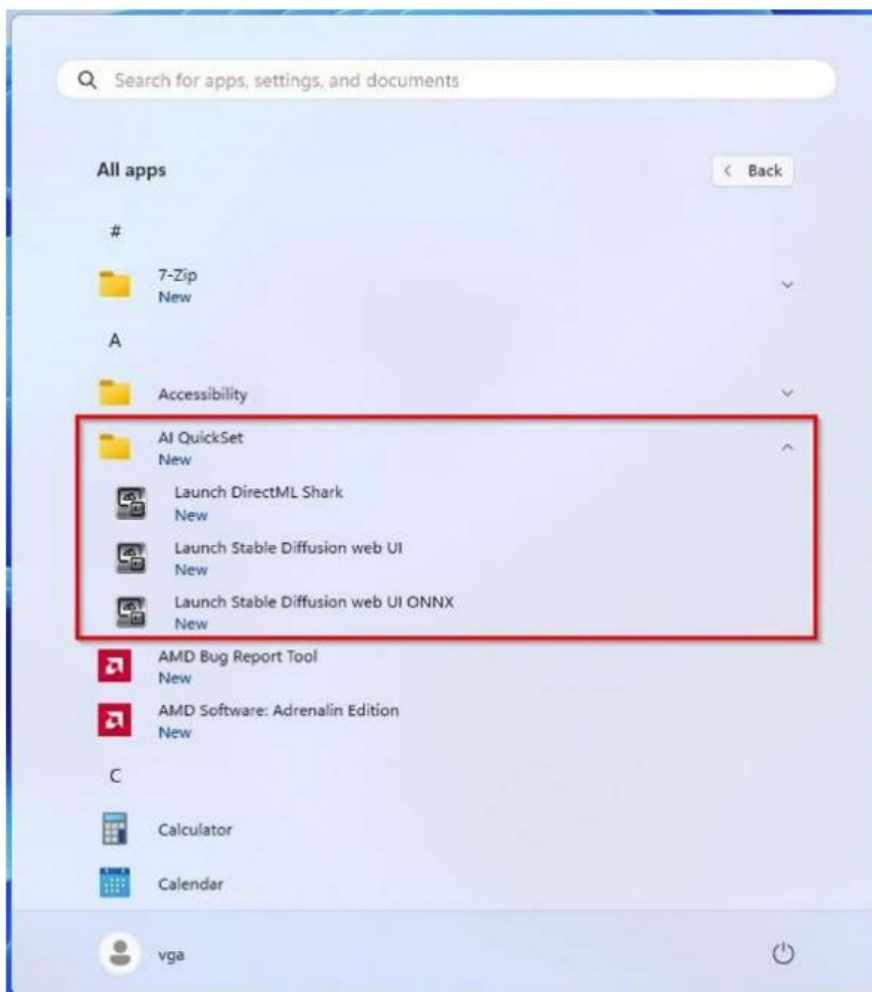


8. When the installing process is done, click "Finish" to exit the setup.



9. After the installation, you can find the launchers for your installed AI applications at below location.

1. Shortcuts in the Start Menu\All apps\AI QuickSet group



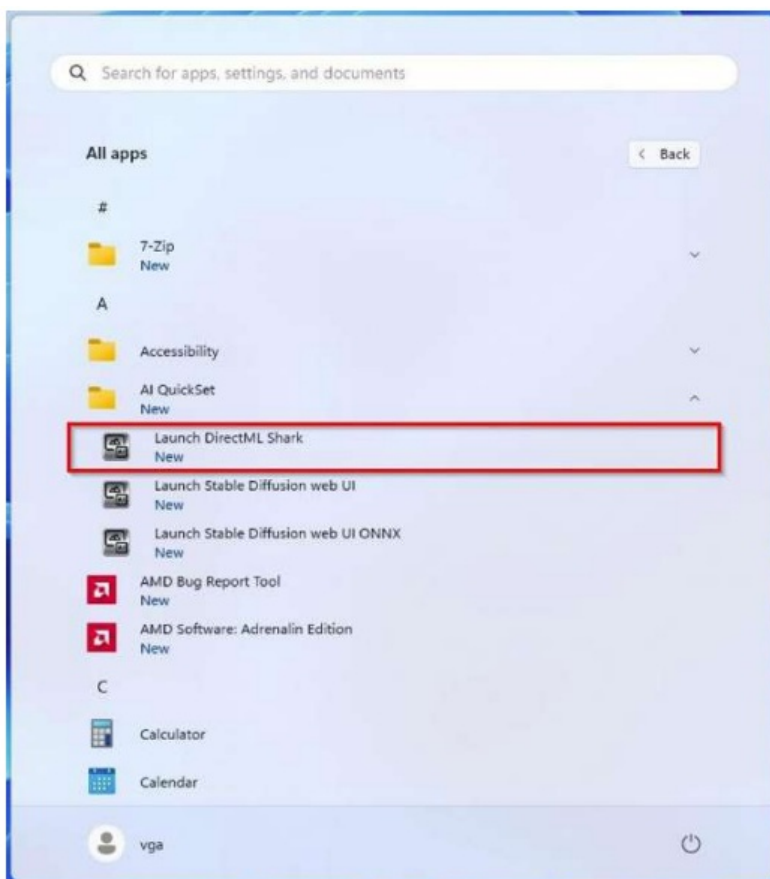
2. Shortcuts on Windows Desktop



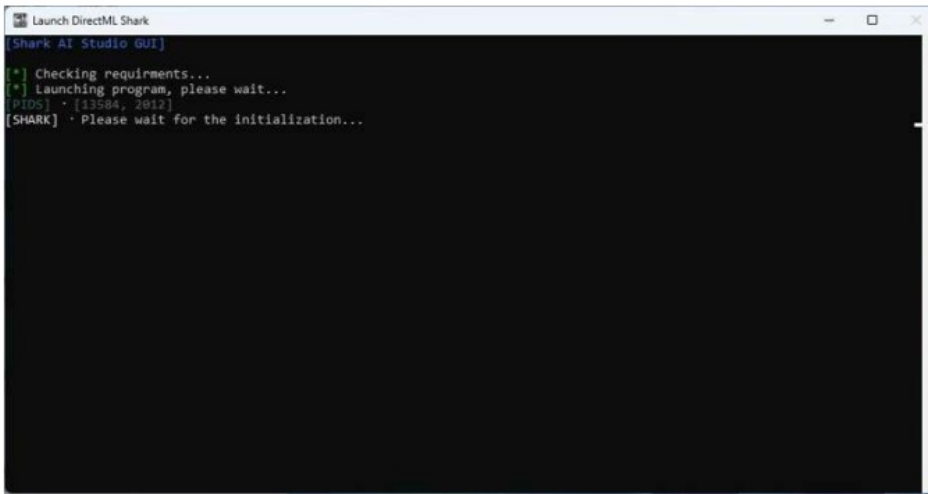
How To Run The AI Applications

DirectML Shark

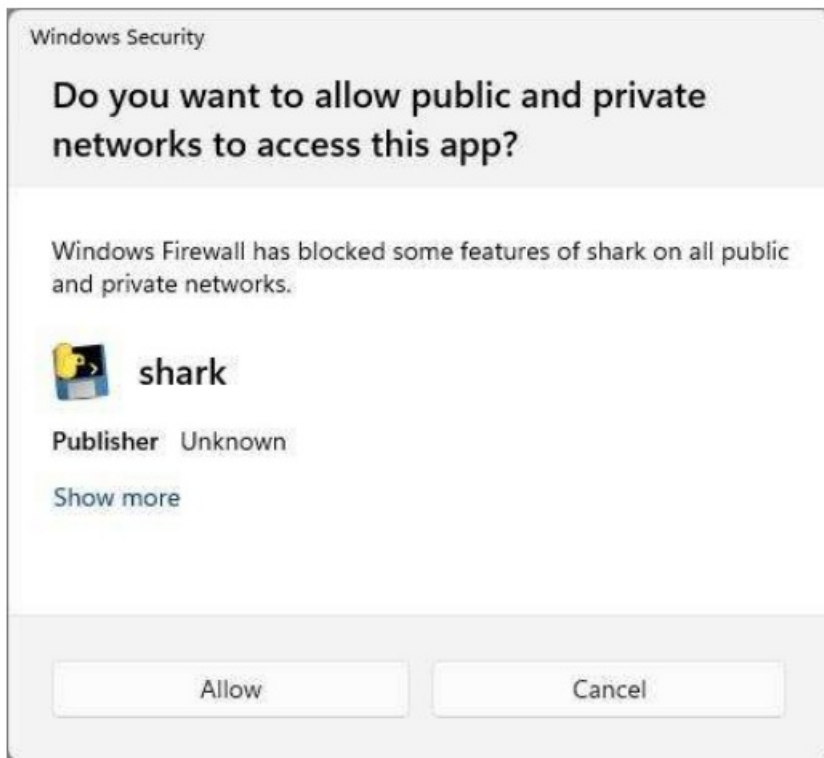
1. Click “Launch DirectML Shark”.



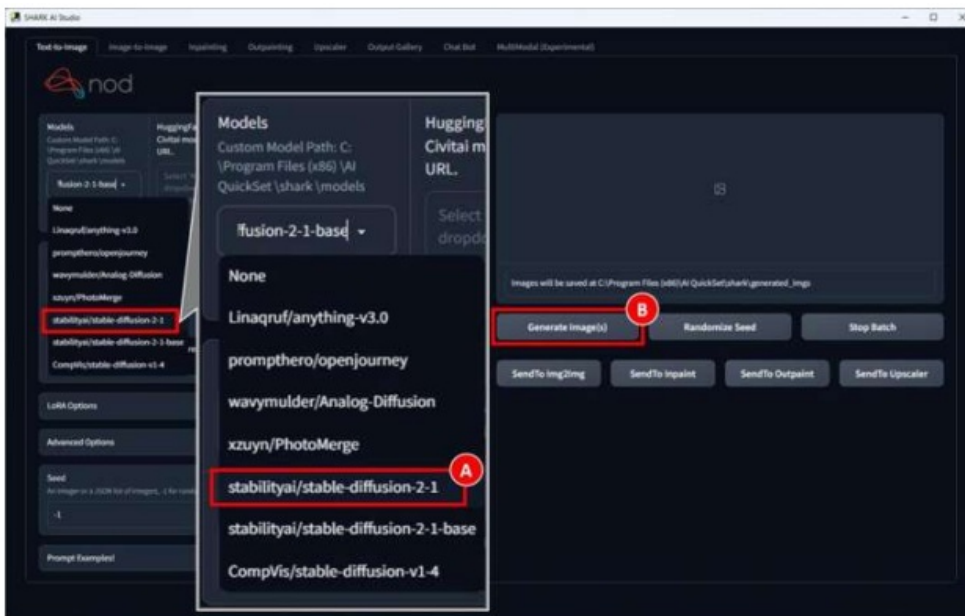
2. When you launch it first time, please wait for the initialization and the downloading of the necessary files. These processes may take a few minutes.



3. Click "Allow" to continue,



4. When the Shark AI Studio panel shows up, please do the following steps.
 - A. Choose "stabilityai/stable-diffusion-2-1" model in "Models" menu.
 - B. After A is done, Click "Generate Image(s)" button, it will start to download and apply the "stable-diffusion-2-1" model. At first time, it may takes a few more minutes.



5. You can also key in some customized prompts, and do detail settings in “Advanced Options” to generate more unique images

Prompt

a photo taken of the front of a super-car drifting on a road near mountains at high speeds with smokes coming off the tires, front angle, front point of view, trees in the mountains of the background, ((sharp focus))

Negative Prompt

watermark, signature, logo, text, lowres, ((monochrome, grayscale)), blurry, ugly, blur, oversaturated, cropped

Advanced Options

Scheduler: SharkEulerDiscrete

Save prompt information to PNG: ☒ Save prompt information to JSON file: ☐

Height: 512 Width: 512

Steps: 50 CFG Scale: 7.5

Low VRAM: ☐

Use Hires Fix: ☐ Resample Type: Nearest Neighbor

Hires Fix Height: 768

Hires Fix Width: 768

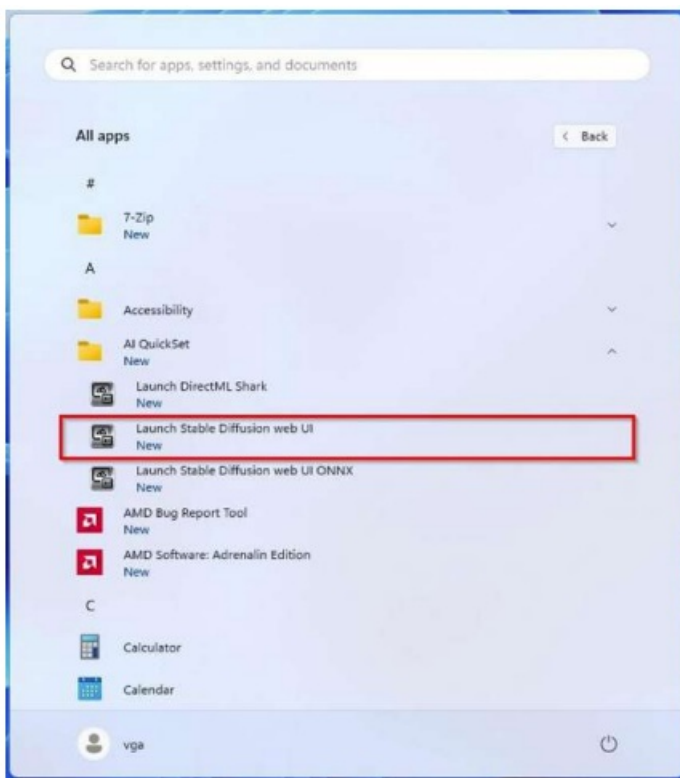
Hires Fix Denoising Strength: 0.6

Batch Count: 1 Batch Size: 1

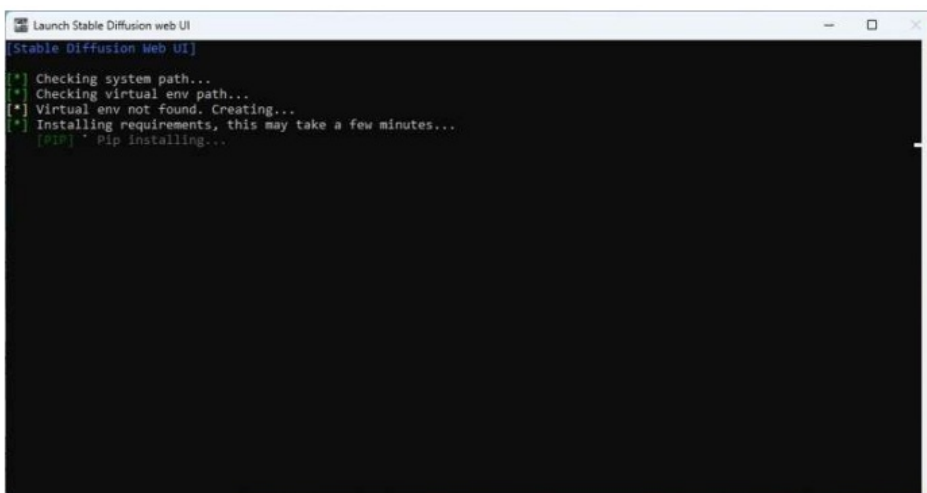
Repeatable Seeds: ☐

Stable Diffusion web UI (with normal backend)

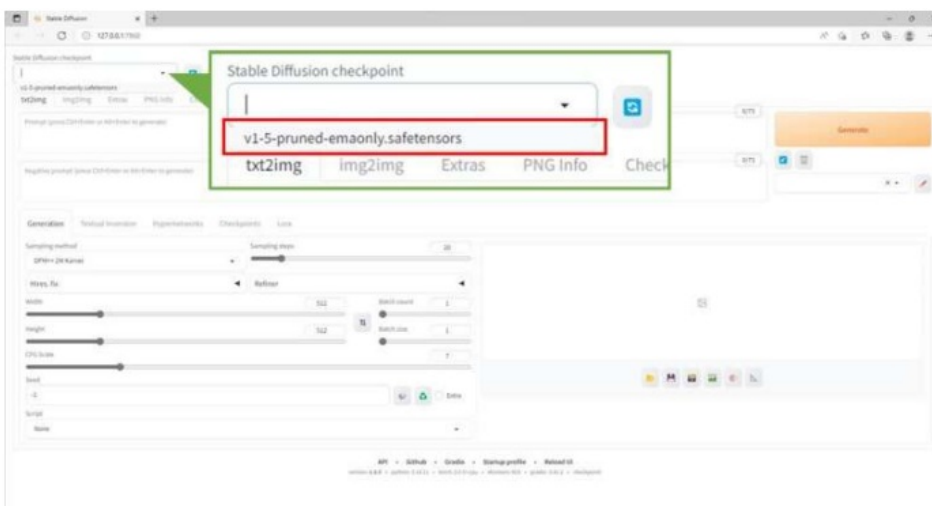
1. Click “Launch Stable Diffusion web UI”.



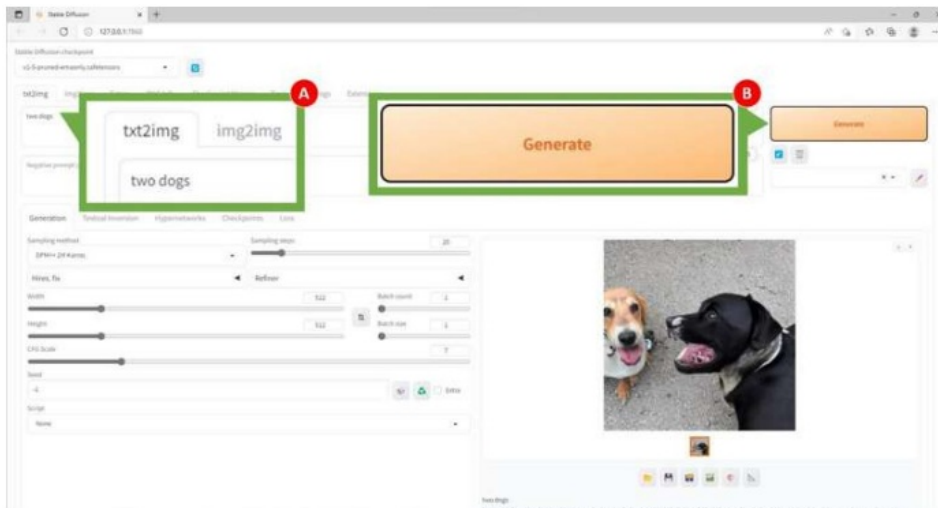
2. Wait for the installation and download of the necessary files. These processes may take a few more minutes at first time.



3. When (2) is done, the Stable Diffusion web UI will pop up automatically. As it is the first time to run this application, please select the "v1-5-pruned-emaonly.safetensors" model in "Stable Diffusion checkpoint" column.

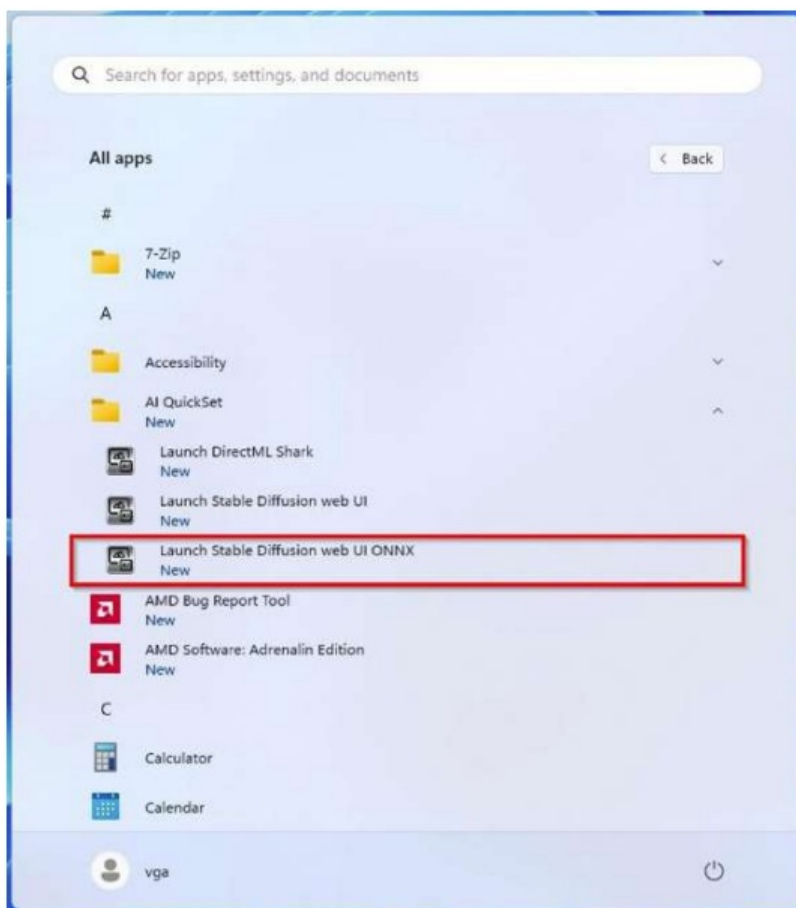


4. Now you can do the following steps to create images: (A) Key in the prompt you prefer in “txt2img” column, and then (B) click the “Generate” button.

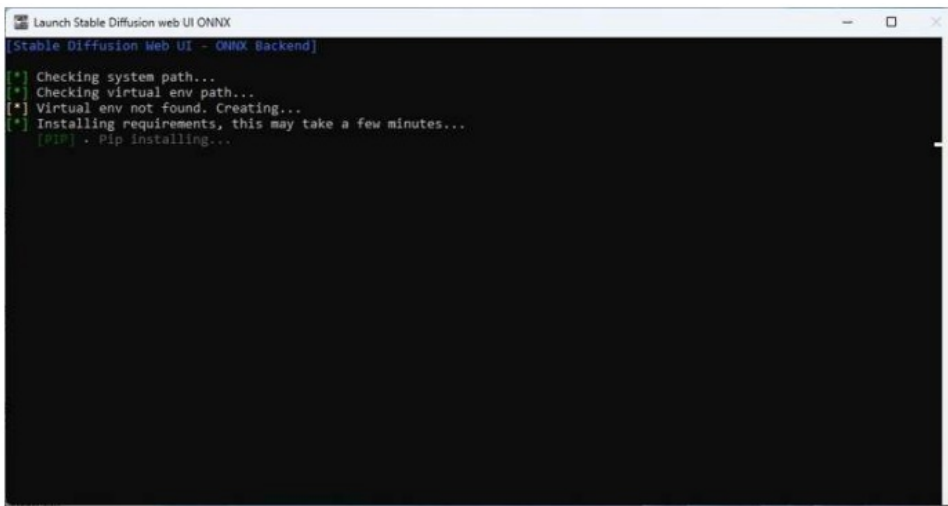


Stable Diffusion web UI ONNX (with ONNX backend)

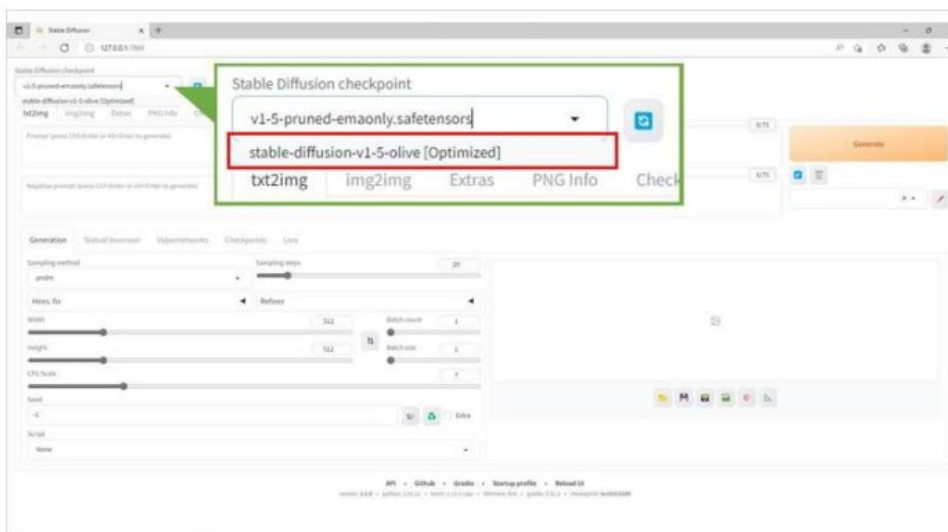
1. Click “Launch Stable Diffusion web UI ONNX”



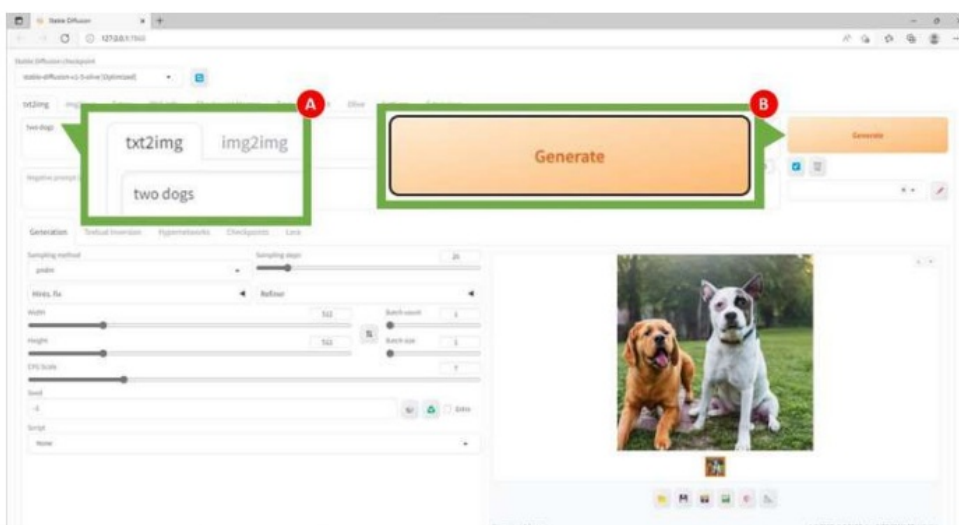
2. Wait for the installation and download of the necessary files. These processes may take a few more minutes at first time.



- When (2) is done, the Stable Diffusion web UI will pop up automatically. As it is the first time to run this application, please select the “stable-diffusion-v1-5-olive [Optimized]” model in “Stable Diffusion checkpoint” column.



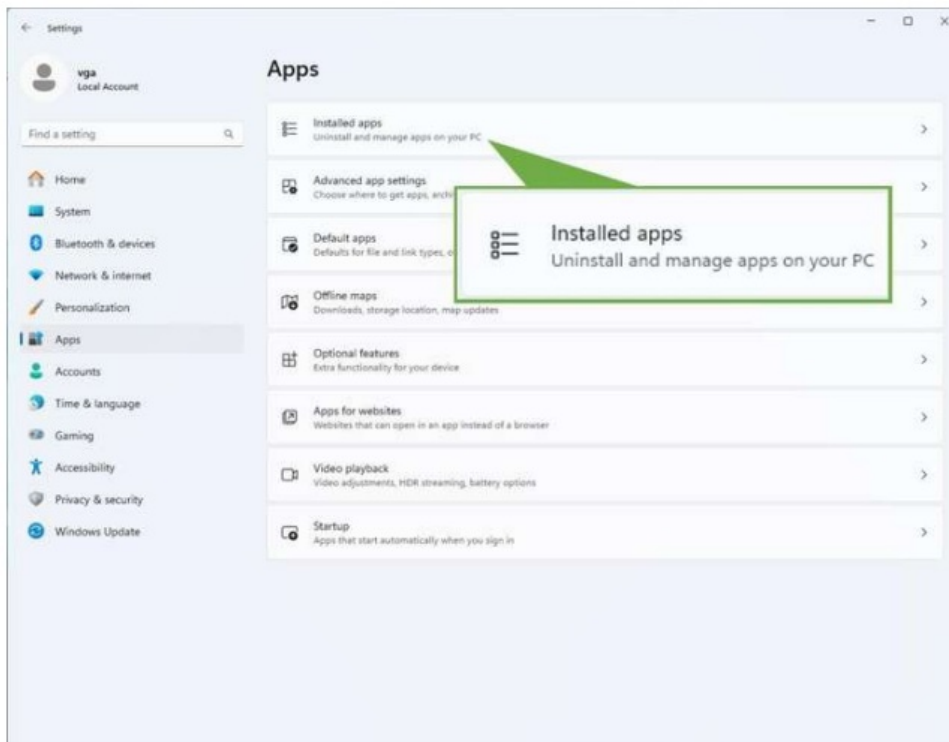
- Now you can create images by the following steps: (A) Key in the prompt you prefer in “txt2img” column, and then (B) click the “Generate” button.



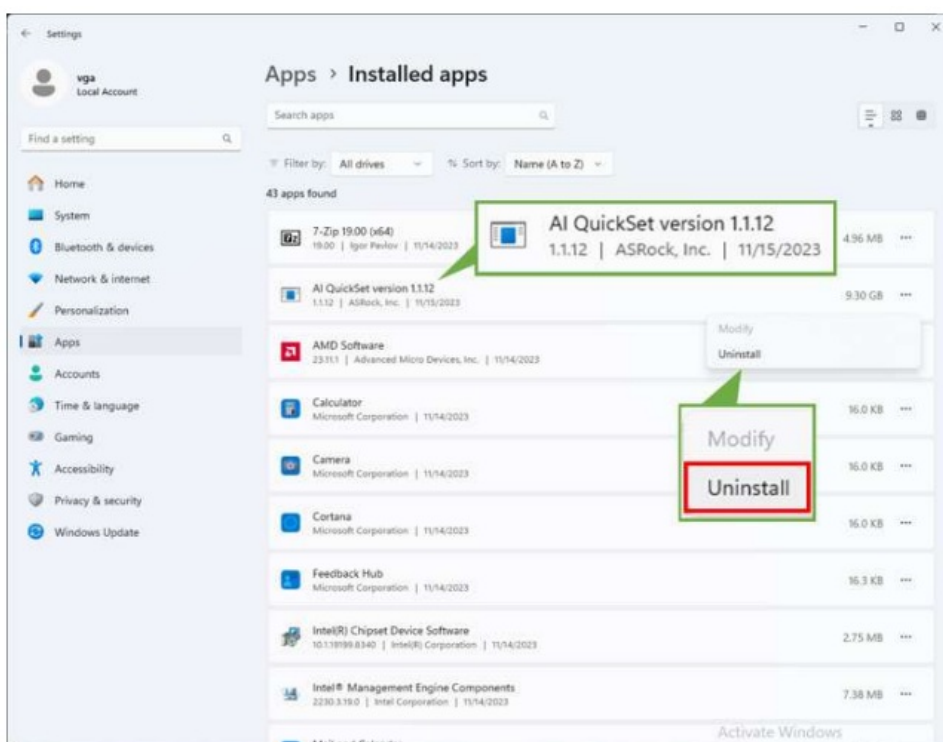
Software Uninstallation

- Under Windows 11 22H2, open your “Account Settings” page, and then click “Installed apps” button in Apps

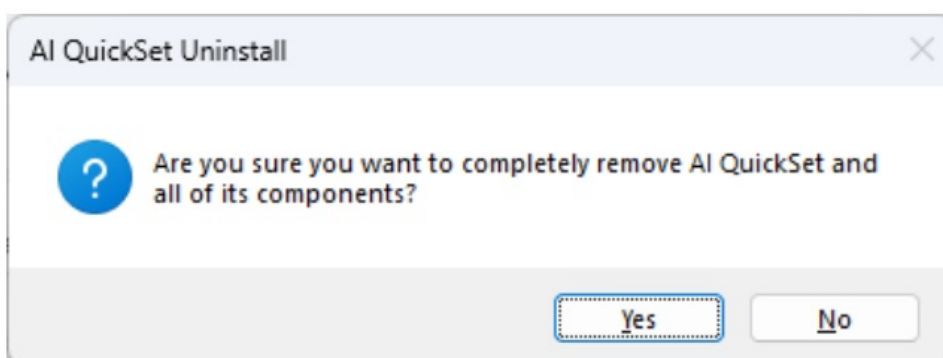
menu.



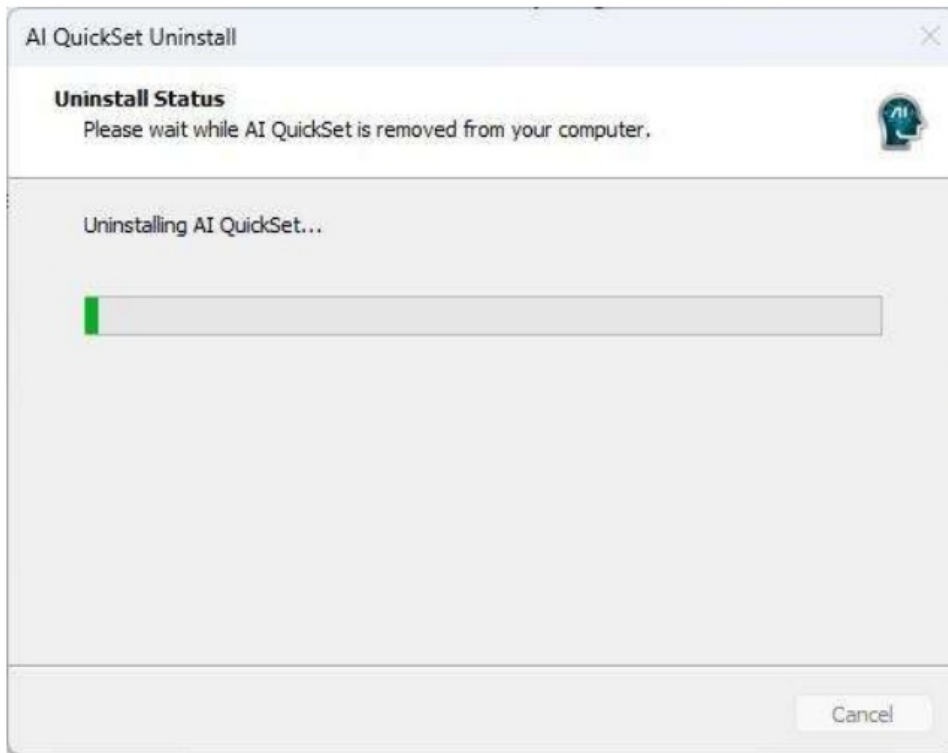
2. Find “AI QuickSet” software. Click the “...” to extend the sub menu, and then click “Uninstall”.



3. Click “Yes” to start the uninstall process.



4. Wait a while for the uninstall process.



5. Uninstall successfully. Click "OK" to finish the uninstall process.

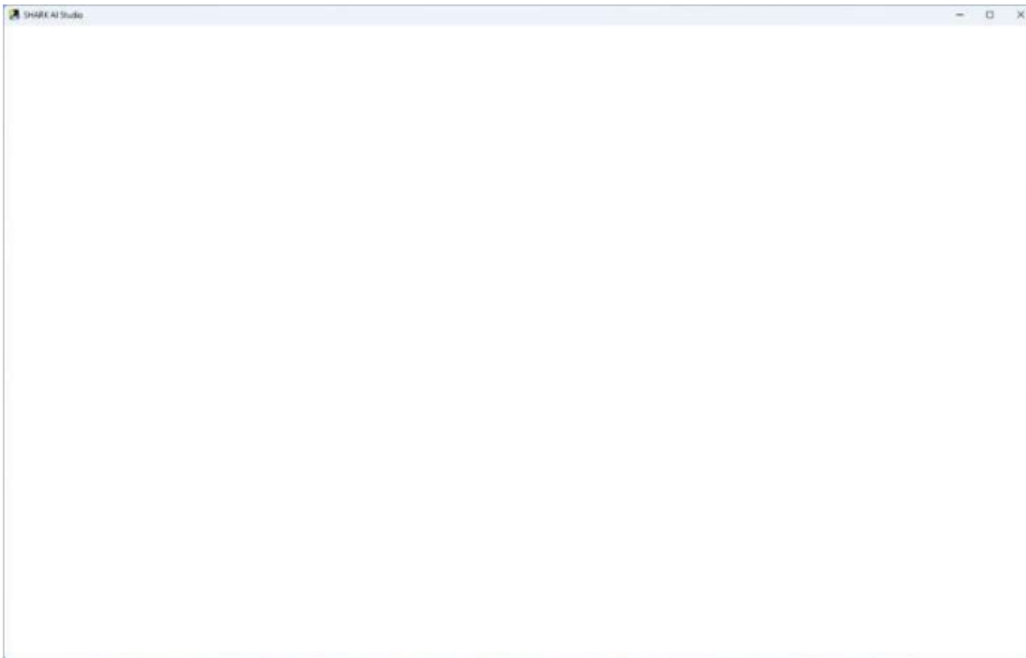


Known Issues and Solutions

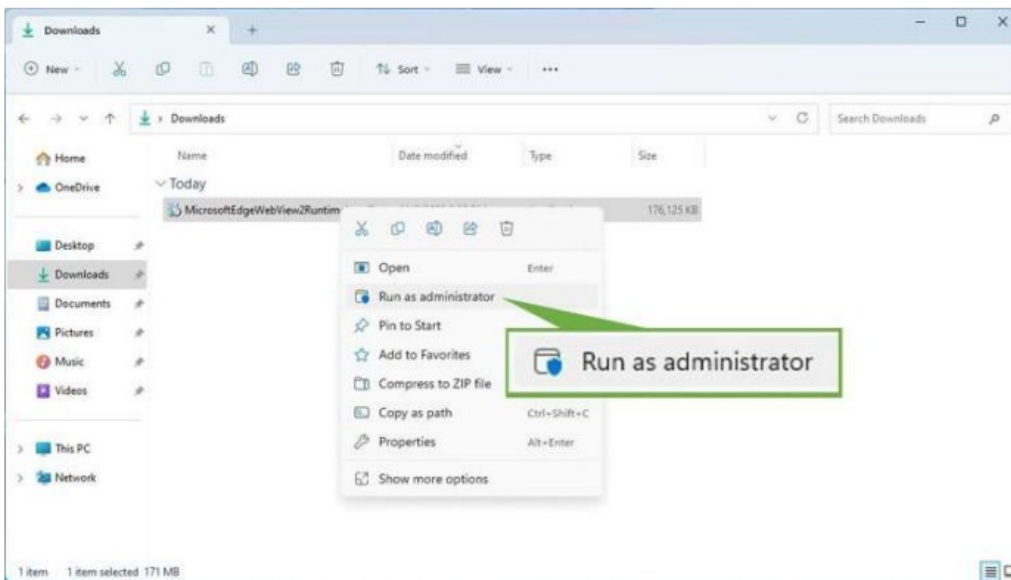
DirectML Shark

Initialization Fail

- Visit <https://developer.microsoft.com/zh-tw/microsoft-edge/webview2/> to download "Microsoft Edge WebView2 runtime".



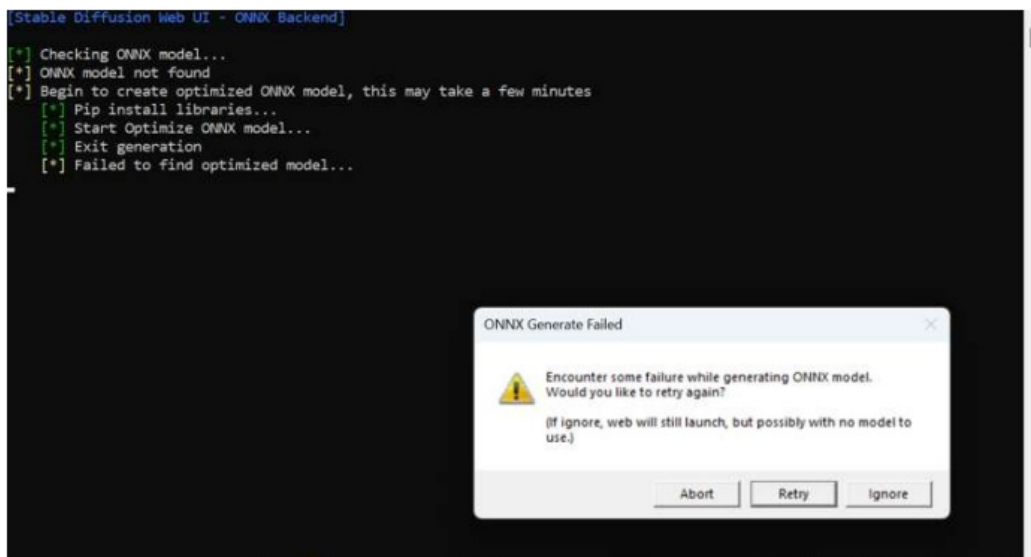
- When the download process is done, right click on the Microsoft Edge WebView2 runtime installer, and click “Run as administrator” to install it.



Stable Diffusion web UI ONNX

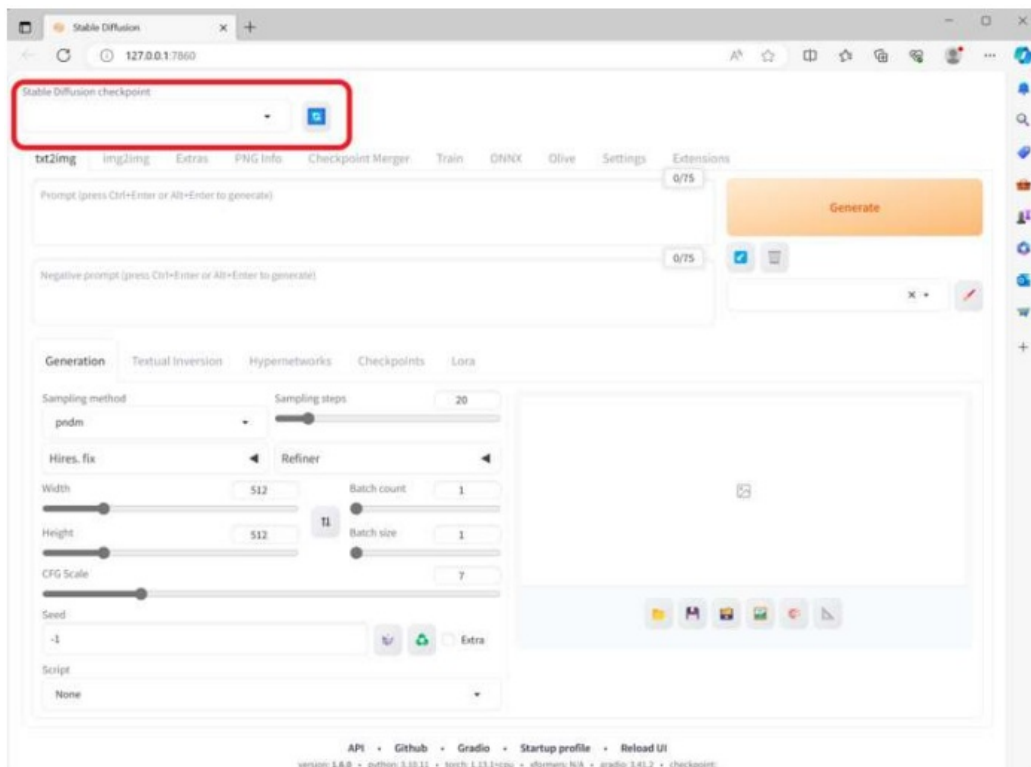
Model Optimization Fail

- Please make sure your network is connected properly, and then click “Retry”.



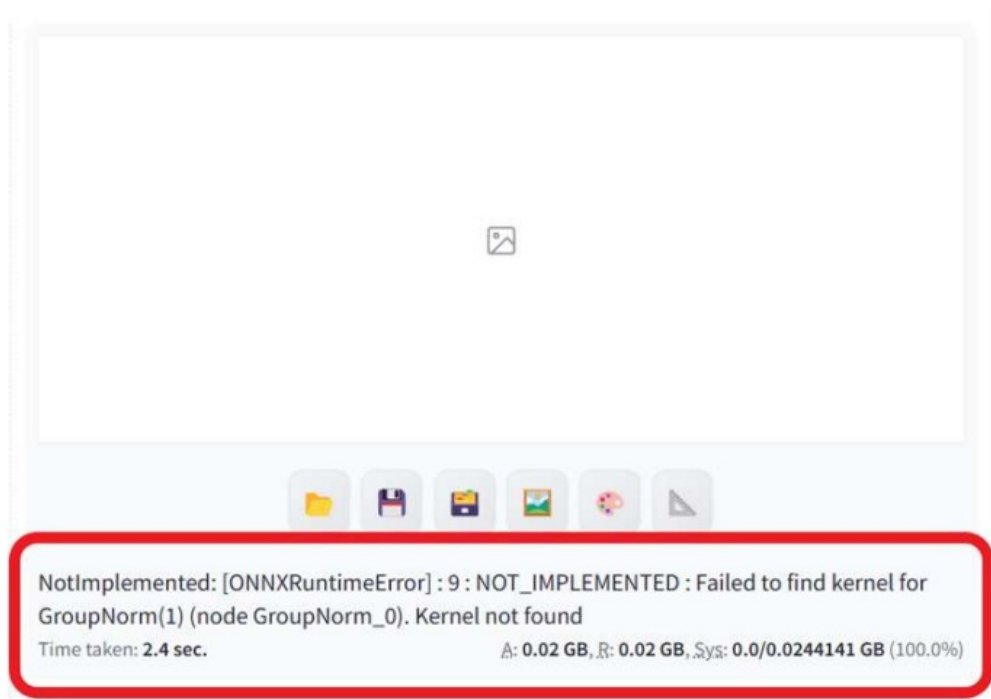
The “stable-diffusion-v1-5-Olive” Model Is Missing

- Please close the current “Stable Diffusion” page, and then run “Launch Stable Diffusion web UI ONNX” again.



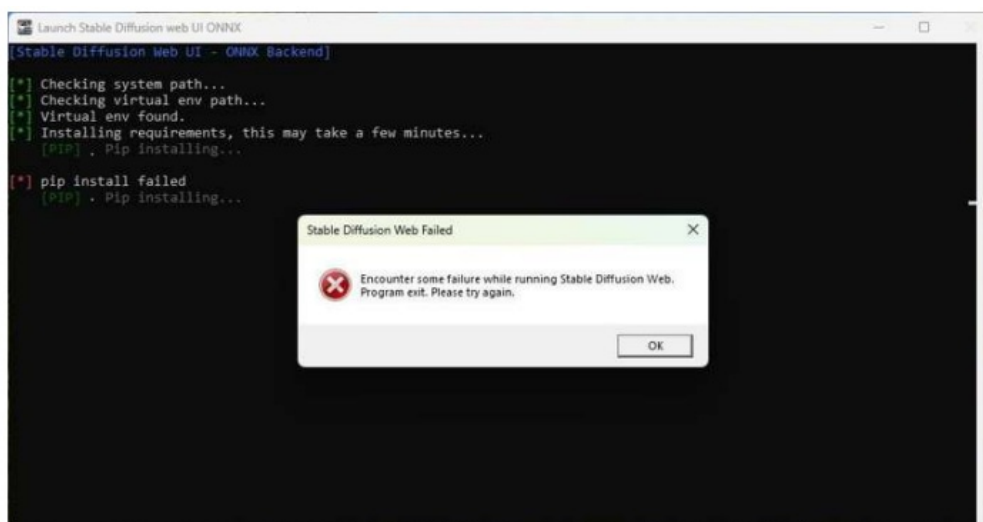
Kernel Not Found

- Please close the current “Stable Diffusion” page, and then run “Launch Stable Diffusion web UI ONNX” again.



Pip Install Failed

- Please click “OK” and then run “Launch Stable Diffusion web UI ONNX” again.



Any Other ProblemAny Other Problem

- Please reboot your computer and install AI QuickSet again.

Terms of Notice

The specification is subject to change without notice in advance. The brand and product names are trademarks of their respective companies. Any configuration other than original product specification is not guaranteed.

The above user interface picture is a sample for reference. The actual user interface may vary with the updated software version.

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Documents / Resources

The icon shows the ASRock logo at the top, followed by the text 'ASRock AI QuickSet' and 'Installation Guide' in a smaller font.	ASRock AI QuickSet Software [pdf] Installation Guide AI QuickSet Software, AI QuickSet, Software
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References

- [ASRock](#)
- [Microsoft Edge WebView2 | Microsoft Edge Developer](#)
- [AMD Drivers and Support | AMD](#)
- [User Manual](#)