

ASRock



# AI QUICKSET WSL

RUN LINUX AI APPS ON WINDOWS

User Manual

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# Chapter 1 Introduction

ASRock AI QuickSet WSL software tool helps users quickly download, install, and set up artificial intelligence (AI) applications. It plays a key role in popularizing AI technology by allowing enthusiasts to bypass the complexity of traditional installation and configuration processes.

With a user-friendly interface, AI QuickSet WSL guides users through the process of downloading, configuring, and installing various components of supported artificial intelligence (AI) applications, such as frameworks like TensorFlow or PyTorch, specialized AI function libraries, and runtime environments. It also prompts users for configuration-specific options or can automatically apply default settings, ensuring that AI applications run smoothly without requiring users to manage complicated settings manually.

Whether you're a professional user experienced with AI applications or a general user with limited technical knowledge, AI QuickSet WSL is an excellent choice for quickly getting started with AI software.



## NOTE

The pictures in this document are for reference only. The actual user interface may vary with the updated software version.

This documentation includes instructions on how to install and uninstall the AI QuickSet WSL software on your Windows system, and how to launch the following third-party AI applications:

- Audiocraft
- Image/Manga Translator
- PixtoonLab
- Video Background Remover & Changer

## Chapter 2 System Requirements

Hardware Requirements	
CPU	<ul style="list-style-type: none"> <li>• Intel® Core™ Ultra Processors (Series 2)</li> <li>• 14<sup>th</sup>, 13<sup>th</sup> &amp; 12<sup>th</sup> Gen Intel® Core™ Processors</li> <li>• AMD Ryzen™ 9000, 8000, 7000, and 5000 Series Processors</li> </ul>
Motherboard	<ul style="list-style-type: none"> <li>• Intel® 800/700/600 Series Motherboards</li> <li>• AMD 800/600/500 Series Motherboards</li> </ul>
Memory	64 GB
Graphics Card	ASRock AMD Radeon™ RX 7900 Series or Later Graphics Cards <sup>1</sup>
PSU	<ul style="list-style-type: none"> <li>• 750W or more for AMD platform</li> <li>• 850W or more for Intel® platform</li> </ul>
Storage	Must be installed on the C: drive with a minimum of 150 GB of available space (SSD or M.2 recommended) to ensure proper operation.
Internet Connection	An internet connection is required for both installation and operation (Broadband recommended)

Software Requirements	
Operating System	Microsoft® Windows® 11 24H2 64-bit and later versions <sup>2</sup>
Driver	The latest driver for AMD Graphics <sup>3</sup>
Software	Windows Subsystem for Linux (WSL) <sup>4</sup>



### NOTE

1. ASRock AI QuickSet WSL software supports only the platforms that are equipped with ASRock AMD Radeon™ RX 7900 series or later graphics cards. The MBA (Made by AMD) reference cards are unsupported.
2. Please perform a clean installation of Windows® 11 and then run the Windows Update to ensure it is fully up to date.
3. You can find and download the latest driver of AMD Graphics here: <https://www.amd.com/en/support>.
4. Install Windows Subsystem for Linux (WSL) with Windows PowerShell before installing the AI QuickSet WSL software.



## Chapter 3 Prerequisites

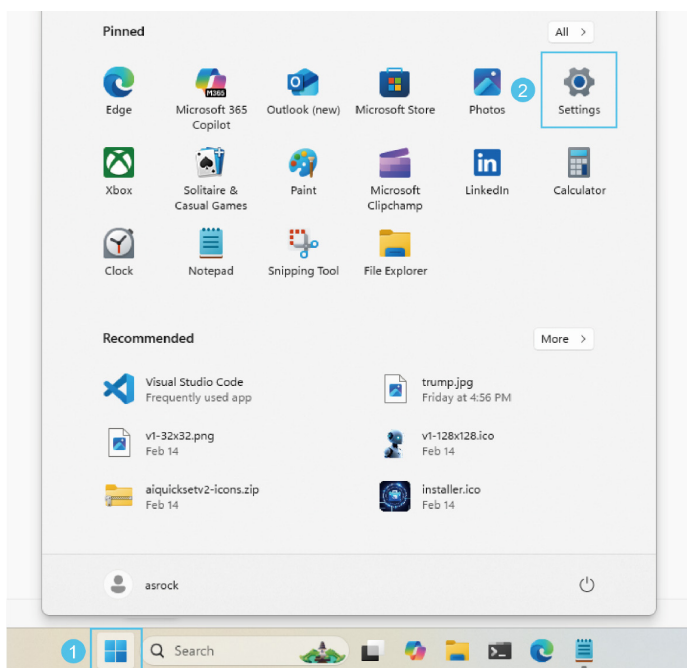
You must complete the following prerequisites before installing the AI QuickSet WSL. Failure to meet the prerequisites may result in unsuccessful installation or activation. We recommend completing the prerequisites in the following sequence.

- Make sure Windows is up to date.
- Install the AMD Graphics Driver.
- Install the Windows Subsystem for Linux (WSL).
- Install the AI QuickSet WSL application.

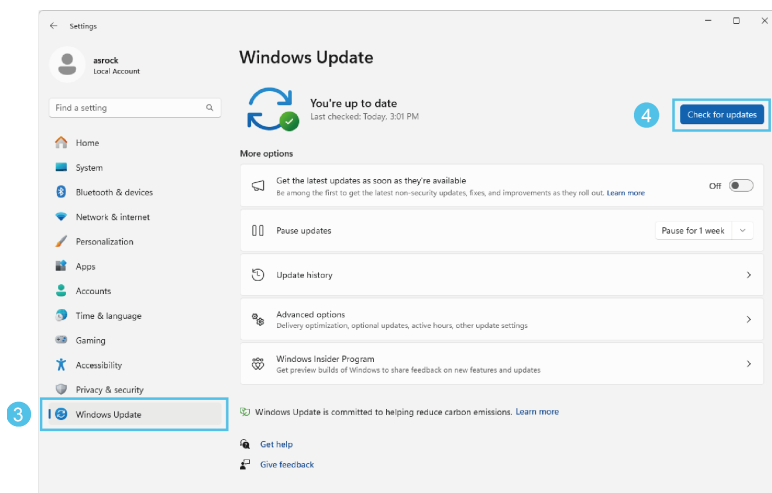
### 3.1 Installing the Windows Updates

When your Windows system is outdated, it may cause problems when trying to install new software. Follow the steps below to get the latest Windows updates to keep your system running smoothly and secure.

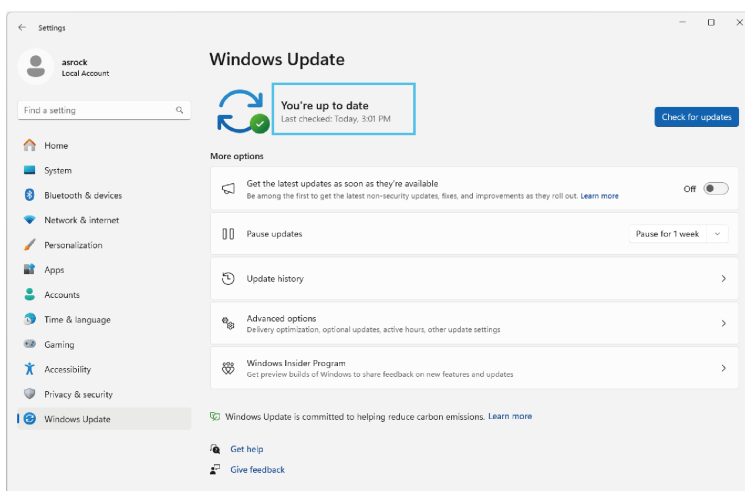
1. Click the "Start" icon on the taskbar, or press the Windows key on your keyboard.
2. Select "Settings" from the Pinned section.



3. Select "Windows Update" in the left pane.
4. Click the "Check for updates" button.



5. If any updates are available, select "Download & install". Depending on what the updates are, it may be required to reboot your computer to complete the installation. In this case, select "Restart now" to reboot your PC immediately. After rebooting, the updates are installed.
6. Run all the Windows Updates until you see the message, "You're up to date".




## 3.2 Installing the AMD Graphics Driver

Please make sure you have the latest driver installed for your AMD graphics card to ensure everything works properly and to provide better performance, stability, compatibility, security, and access to new features.

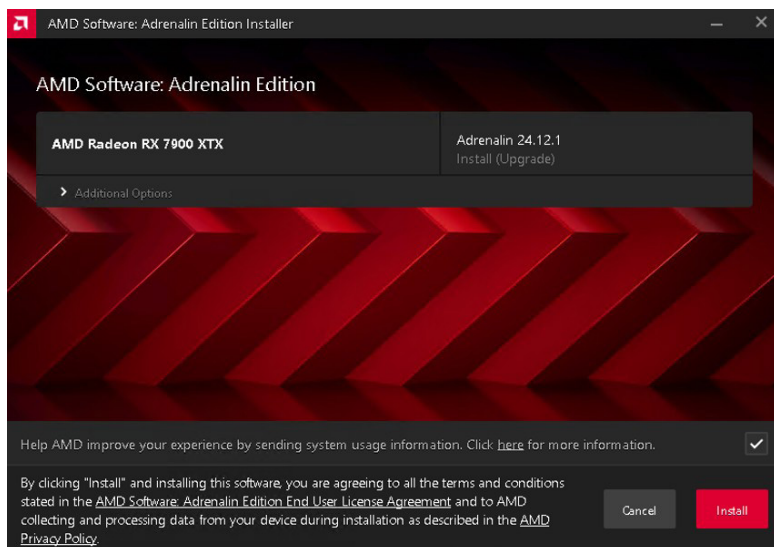
1. You can find and download the latest driver for your AMD Graphics card from AMD website: <https://www.amd.com/en/support>.

### Search or Browse Drivers and Support by Product

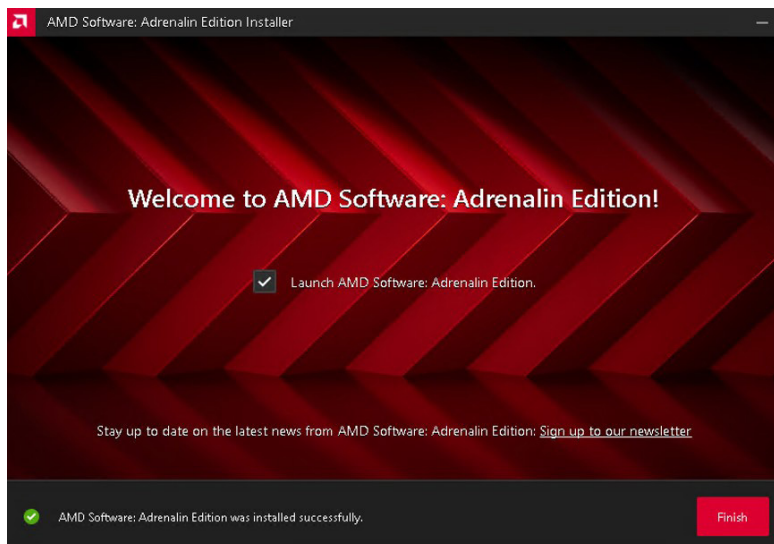


The screenshot shows the AMD website's driver search interface. At the top, there is a search bar with the placeholder text "Search for your AMD product" and a "Search" button. Below the search bar, there are four dropdown menus for filtering results: "Browse Products" (set to "Graphics"), "Product Family" (set to "Radeon RX"), "Product Line" (set to "Radeon RX 7000 Series"), and "Product Model" (set to "AMD Radeon™ RX 7900 XTX"). A "Submit" button is located at the bottom left of the filter section.

2. Follow the default instructions to install the AMD graphics driver.



3. When installation is finished, click the "Finish" button. If you are requested to reboot the computer, restart your computer immediately to complete the installation so that changes can take effect.



### 3.3 Installing the Windows Subsystem for Linux (WSL)

Windows Subsystem for Linux (WSL) is software that can be added to your Windows machine which allows you to run a Linux shell on your Windows system.

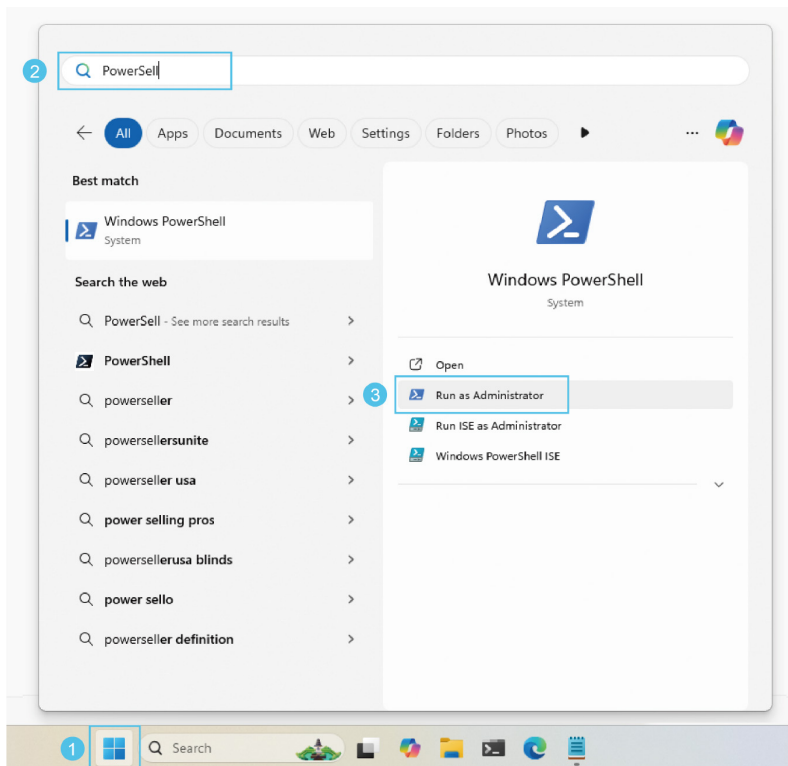


#### NOTE

The Windows Subsystem for Linux (WSL) must be installed prior to installing the AI QuickSet WSL.

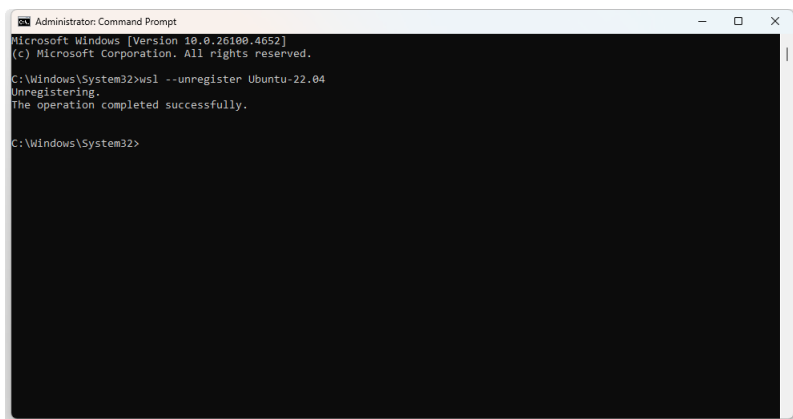
To install WSL with PowerShell,

1. Click the "Start" icon on the taskbar, or press the Windows key on your keyboard.
2. In the Start menu, go to the search box and type "PowerShell".
3. Under the PowerShell application, select "Run as Administrator".



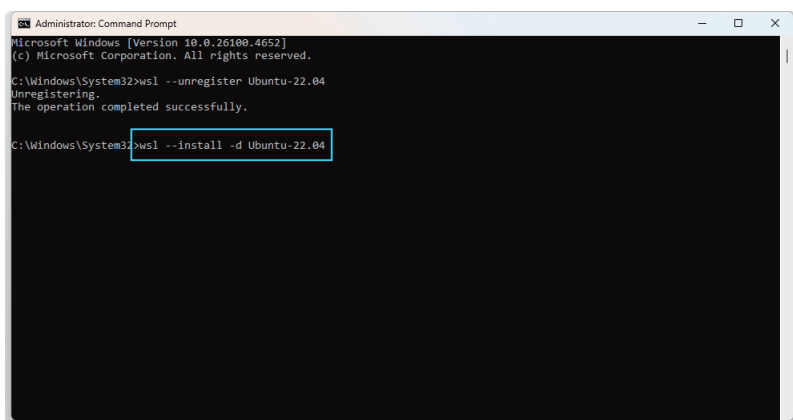


4. The Command Prompt window appears.



5. Enter the command "wsl --install -d Ubuntu-22.04".

**wsl --install -d Ubuntu-22.04**



- If you are asked to create a user account and password for your newly installed WSL, enter the username and password, and confirm the username and password by entering it twice.  
Please note the password is invisible but present while you are typing.

```
Ubuntu 22.04.5 LTS
Microsoft Windows [Version 10.0.22100.4652]
(c) Microsoft Corporation. All rights reserved.

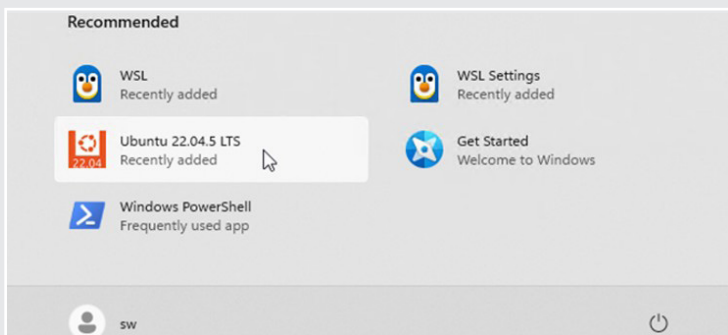
C:\Windows\System32>wsl --unregister Ubuntu-22.04
Unregistering.
The operation completed successfully.

C:\Windows\System32>wsl --install -d Ubuntu-22.04
Launching Ubuntu 22.04 LTS...
Installing, this may take a few minutes...
Please create a default UNIX user account. The username does not need to match your Windows username.
For more information visit: https://aka.ms/wslusers
Enter new UNIX username: asrock
New password:
```



#### NOTE

If you happen to not see the request of creating a new account, please reboot your computer. When you are back at the desktop, go to "Start" and select "Ubuntu" application, and then follow the instructions in the Step 6 to create a new account.



7. When you see the green string, it means your account has been successfully created, as shown in the example below.


```

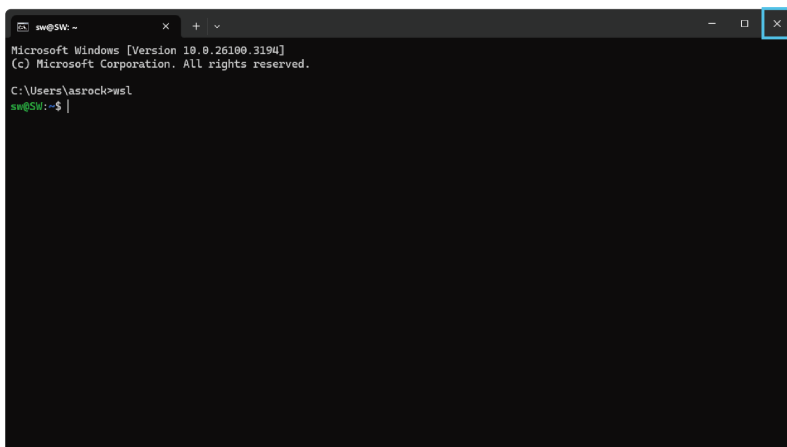
Microsoft Windows [Version 10.0.26100.3194]
(c) Microsoft Corporation. All rights reserved.

C:\Users\asrock>wsl
sw@SW: ~$

```

No.	Description
1	The wording before the "@" symbol is your WSL user name.
2	The wording after the "@" symbol is the name of your computer.

8. The installation is complete. Click the  icon to close the command window.



## 3.4 Installing the AI QuickSet WSL



### NOTE

The Windows Subsystem for Linux (WSL) must be installed prior to installing the AI QuickSet WSL.

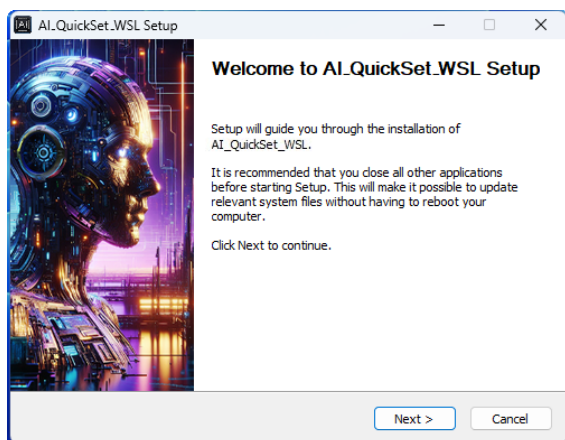
1. Download the compressed file "AI QuickSet WSL" from ASRock website: <https://www.asrock.com/microsite/aiquicksetwsl/>.
2. Extract the installer files.



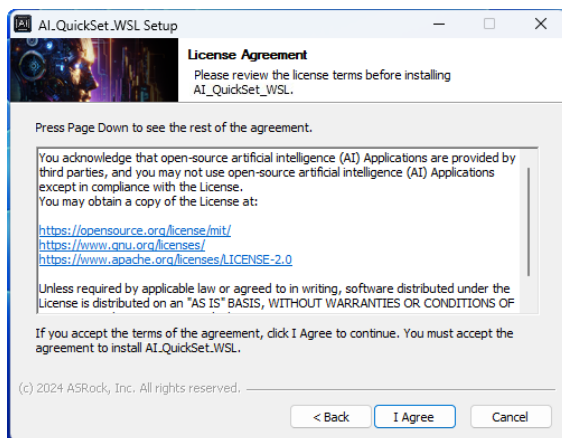
3. Double-click the installer icon.



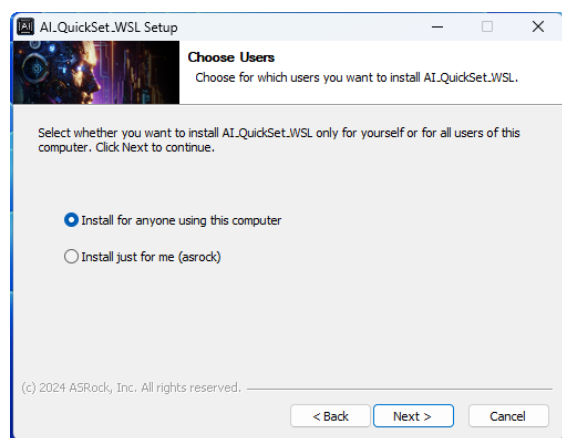
4. When the Welcome page pops up, click "Next".



- Read the license agreement and click "I Agree".

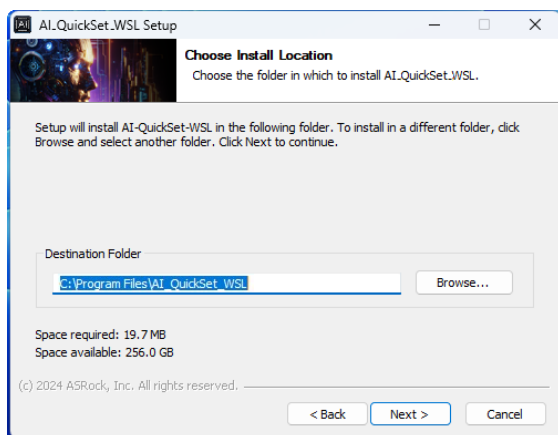


- Select whether you want this application to be used by anyone who uses this computer, or to be used only by you (your account is shown), and then click "Next".

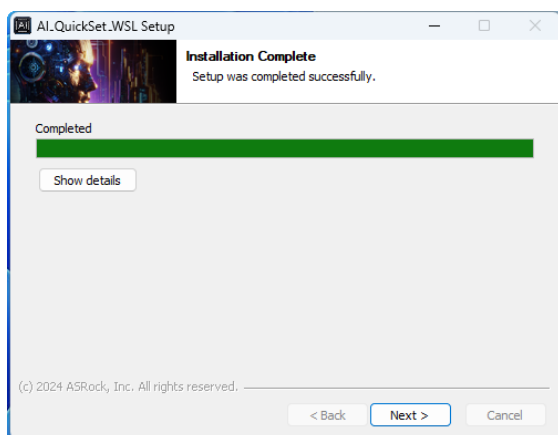




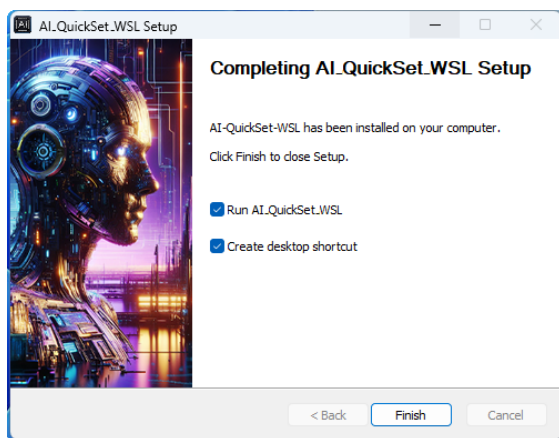
7. Select the folder in which to install this software, and then click “Next”.



8. The installation process may take a few minutes. Actual time spent may vary depending on the system configuration and network speed. Please wait patiently until it is done. Then click “Next”.




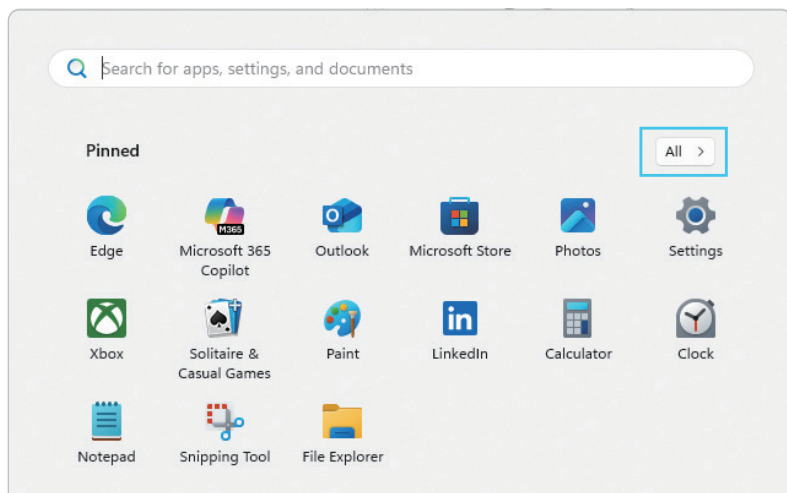
- When installation process is complete, click "Finish" to exit the setup wizard.



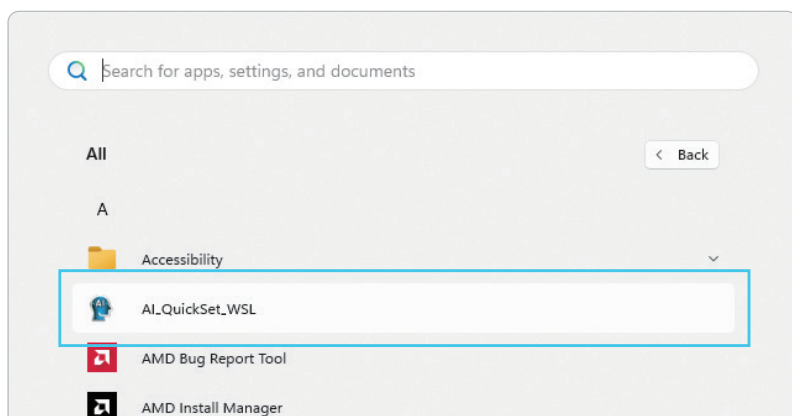
- After completing the installation, you can find the launcher for the newly installed AI QuickSet WSL at the location below. Here we take Windows 11 as an example.

- **Shortcut in the Start Menu**

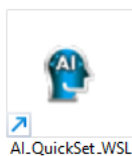
- Click the Start menu icon  in the center of the taskbar.
- Click "All" in the upper right corner of the window.



3. You will see the "AI\_QuickSet\_WSL" shortcut.



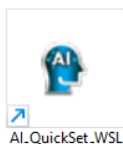
- **Shortcut on the Desktop**



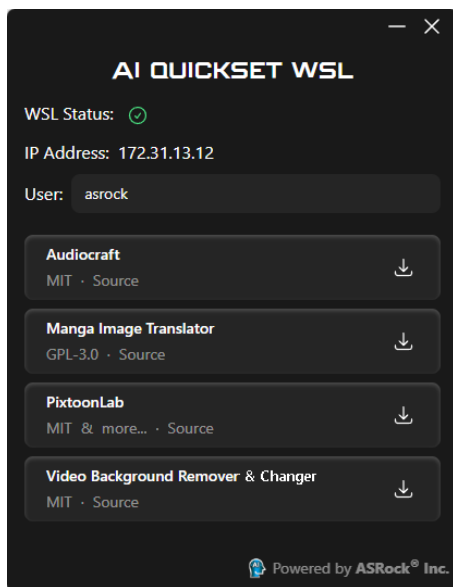
## Chapter 4 Launching AI QuickSet WSL

### 4.1 Opening the Control Panel

1. Double-click the "AI\_QuickSet\_WSL" icon.

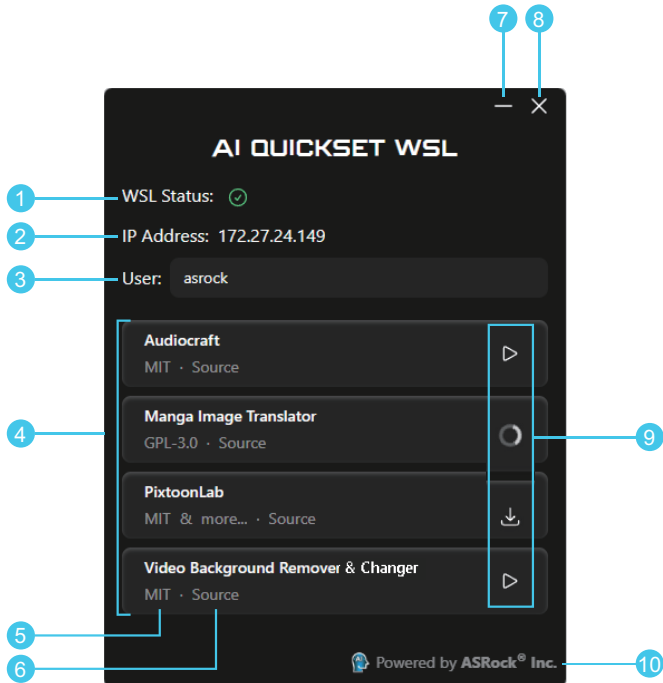




2. The control panel of the AI QuickSet WSL appears. In the control panel, you can launch the AI applications.







## 4.2 Overview of the Control Panel

The control panel is the main user interface that allows users to view, download, launch, or close the supported third-party AI applications, and also displays the status of your Windows Subsystem for Linux.



No.	Item	Description
1	WSL Status	Displays the current status of your WSL.  WSL is installed and functions properly.  WSL is not installed or not ready yet.
2	IP Address	Displays the IP address of WSL.
3	User	Displays the name of the current WSL user. You can click to switch users (if available).
4	AI Application List	Lists all the supported AI applications.
5	License Info	Click to view the license of the application.




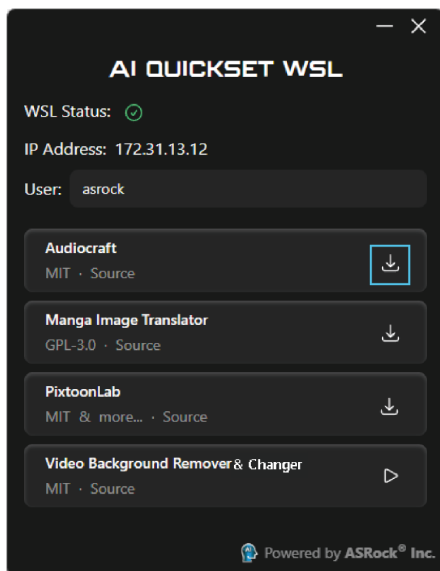
6	Program Source	Click to view the source of the program.
7	Minimize	Click to minimize the control panel window.
8	Close	Click to close the control panel window.
9	Function Button	<p>Click to perform a certain task:</p> <p> Download: Click to download the app.</p> <p> Downloading: The app is downloading.</p> <p> Launch: Click to launch the app.</p> <p> Close: Click to exit the app.</p>
10	Manufacturer Info	Click to visit ASRock's official website.

## Chapter 5 Using the AI Applications

### 5.1 Audiocraft

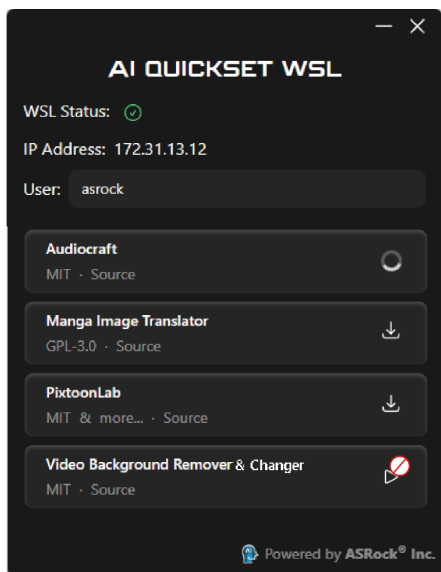
AudioCraft (MusicGen) is a generative AI model that can generate music from text prompts.




1. In the control panel, click the Download button  of the Audiocraft application to download the app immediately.

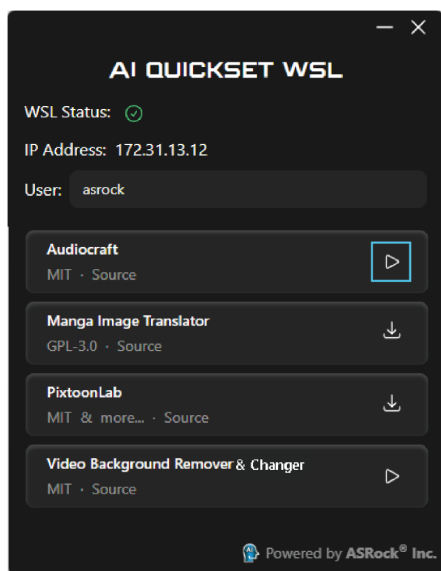


- Once the download begins, a download window will appear. The download process may take about 20 minutes. Actual time spent may vary depending on your system configuration and network speed. Please wait patiently until the download is complete.

During download, it is not permitted to end the download process, or to download and run another app in the AI QuickSet WSL.



- When download is complete, the download window will be closed automatically; meanwhile, in the control panel, the Downloading icon  turns to the Launch button , which means the download is complete and the app is ready to be used.
- Click the launch button  of the Audiocraft application. Please wait about 10 seconds when launching for the first time for the application to configure itself.



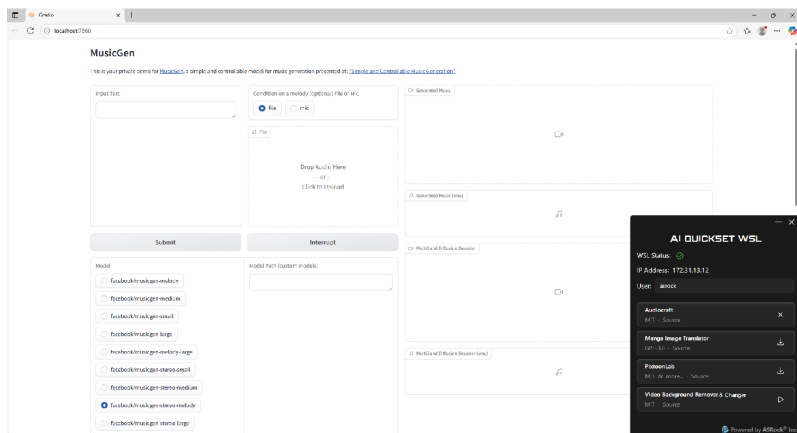
#### NOTE

If you want to see the launching process, you can click the Penguin icon in the taskbar to open up the initiation window.



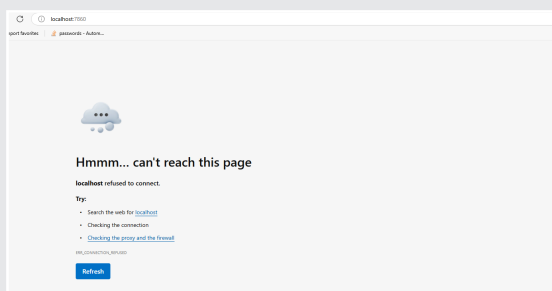
When the application is running, NEVER close this window. Simply click the Minimize icon to minimize the window.

- When the Audiostream webpage appears, the control panel will automatically move to the bottom right corner of your screen.

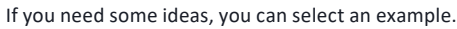


## NOTE

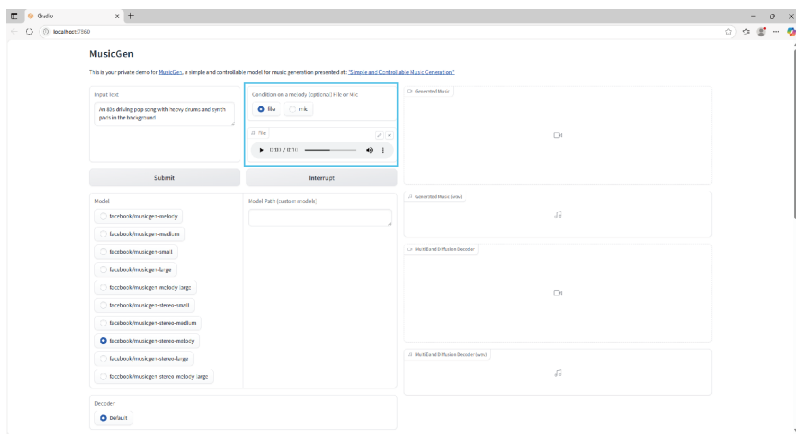
When the webpage is opened while showing the message "Hmmm... can't reach this page", please wait about 5 seconds for it to be refreshed automatically, or you can click the Refresh button to manually refresh the webpage.



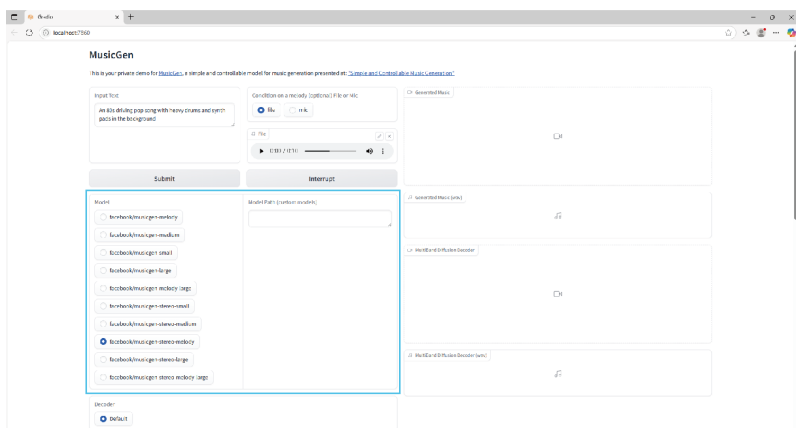
## English

[illegible]

- If you want your generated music to be aligned to an existing melody, upload a music file in the "Condition on a melody (optional) File or Mic" section.



- Select an AI model from the list on the left, or enter a custom model path in the field on the right.



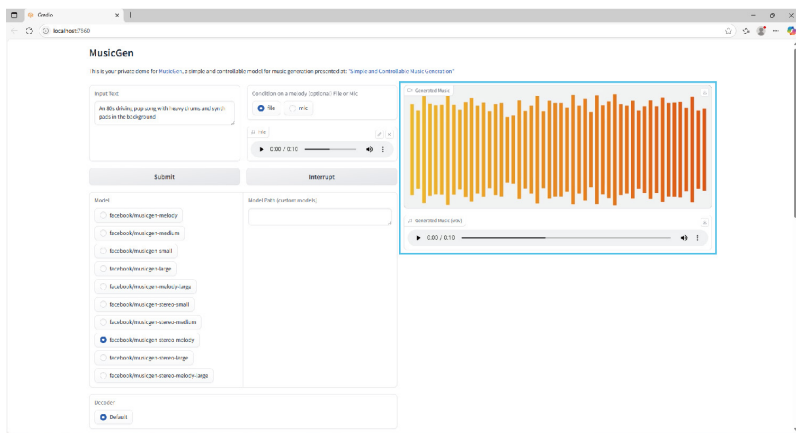
9. Customize your preferred settings if needed, such as duration, decoder, model, and so on.

[illegible]

10. Click the "Submit" button, and it will start to generate music. It may take a few minutes for the first time. Please wait patiently.



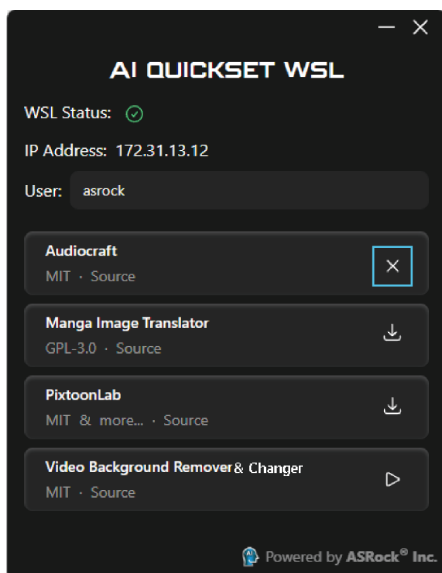
- The process is complete. Once the music is generated, click the Play button to listen. You can click the Download button in the upper right corner to save the generated file (MP4/WAV).




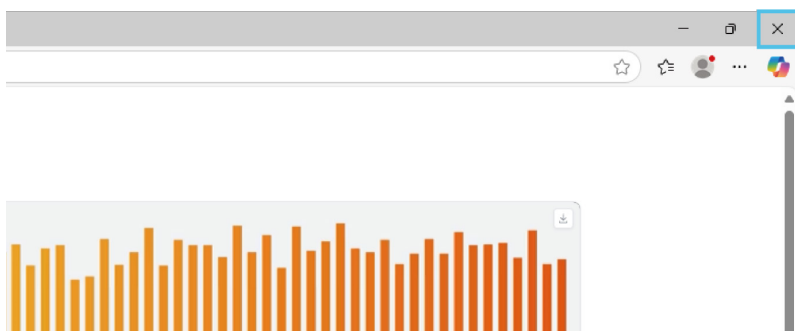
- When you want to exit the application, please follow the steps below.

### Step 1.

Click the Close button  of the Audiostream application in the control panel.

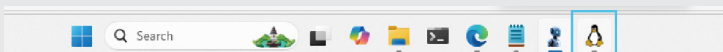


**Step 2.** Click the Close button  in the upper right corner of the Audiocraft webpage.




#### NOTE

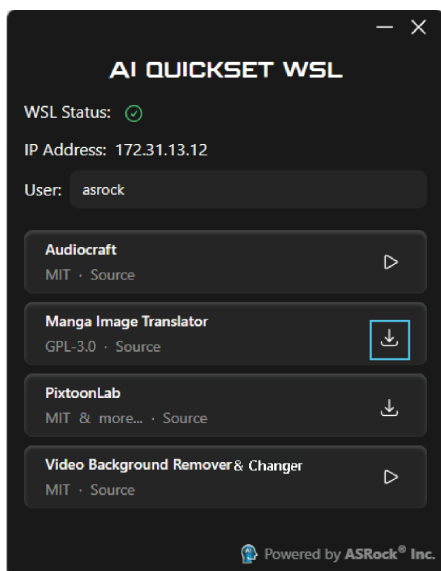
After you close the control panel and the webpage, the Penguin icon in the taskbar will disappear at the same time, which indicates your AI application is completely closed.



## 5.2 Image/Manga Translator

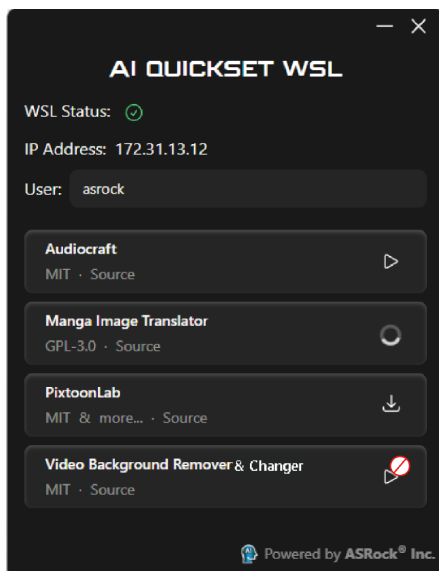
Image/Manga Translator is an application that can easily translate texts in manga or images.




1. In the control panel, click the Download button  of the Image/Manga Translator application to download the app immediately.

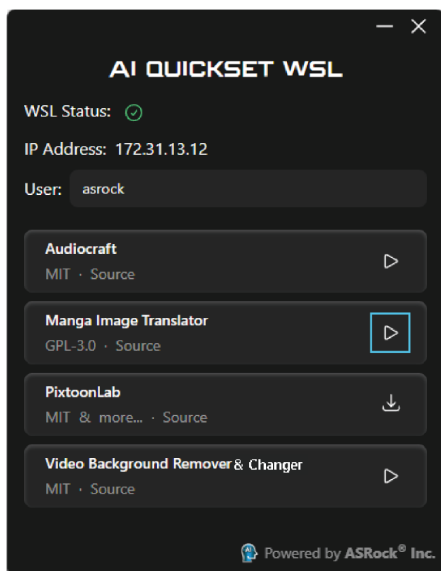


2. Once the download begins, a download window will appear. The download process may take about 20 minutes. Actual time spent may vary depending on your system configuration and network speed. Please wait patiently and do not close the window until the download is complete.

During download, it is not permitted to end the download process, or to download and run another app in the AI QuickSet WSL.



- When download is complete, the download window will be closed automatically; meanwhile, in the control panel, the Downloading icon  turns to the Launch button , which means the download is complete and the app is ready to be used.
- Click the launch button  of the Image/Manga Translator application. Please wait about 10 seconds when launching for the first time for the application to configure itself.



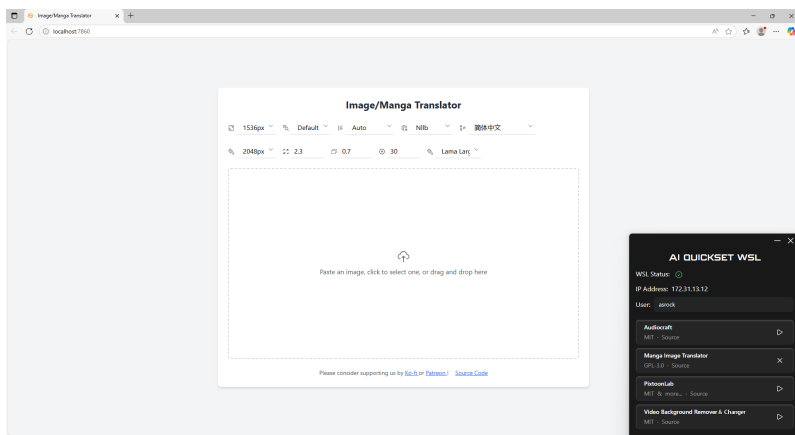
## NOTE

If you want to see the launching process, you can click the Penguin icon in the taskbar to open up the initiation window.



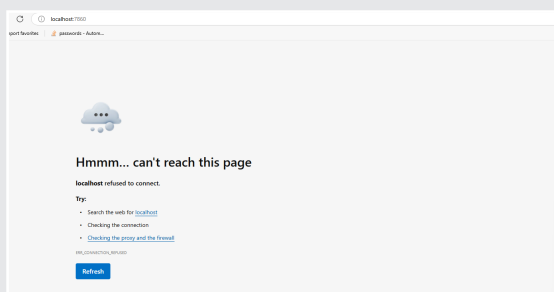
When the application is running, NEVER close this window. Simply click the Minimize icon to minimize the window.

- When the Image/Manga Translator webpage appears, the control panel will automatically move to the bottom right corner of your screen.

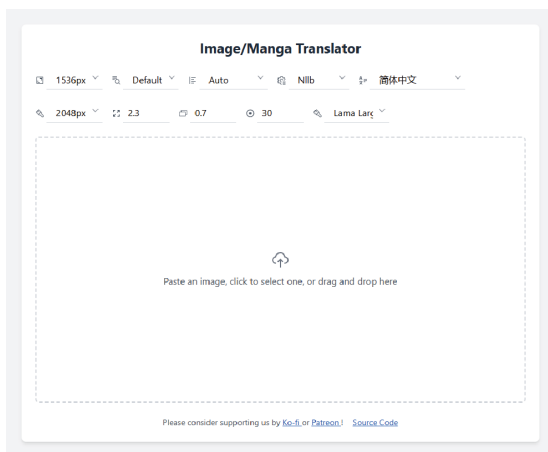


## NOTE

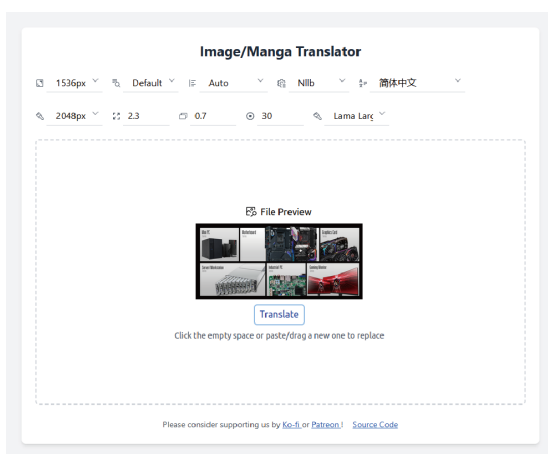
When the webpage is opened while showing the message "Hmmm... can't reach this page", please wait about 5 seconds for it to be refreshed automatically, or you can click the Refresh button to manually refresh the webpage.



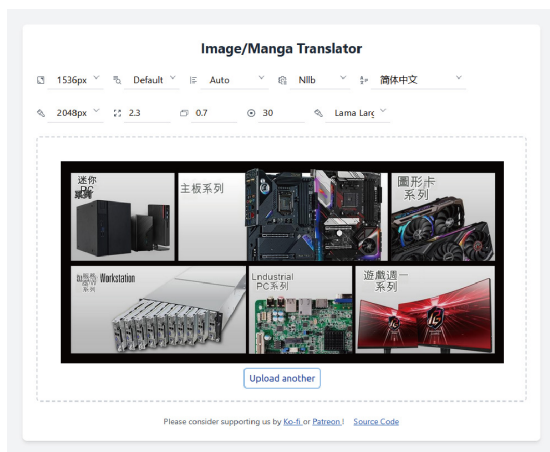
- Click the area below to upload your image or drag and drop the image into it for translation.



- Select a translation engine and a preferred language from the drop-down menu. Click the "Translate" button to begin translating.




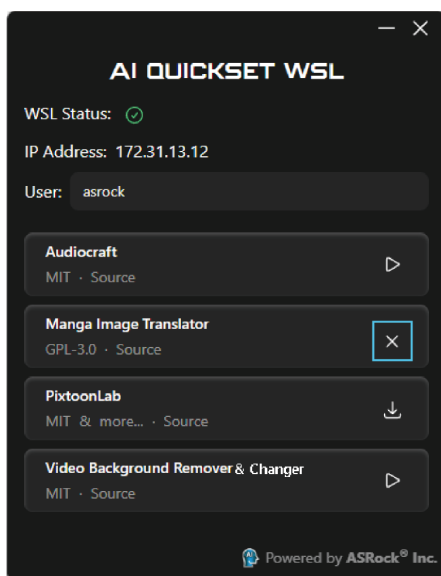
8. The process is complete. You can right-click the image to save it and click "Upload another" to upload another image for translation.




9. When you want to exit the application, please follow the steps below.

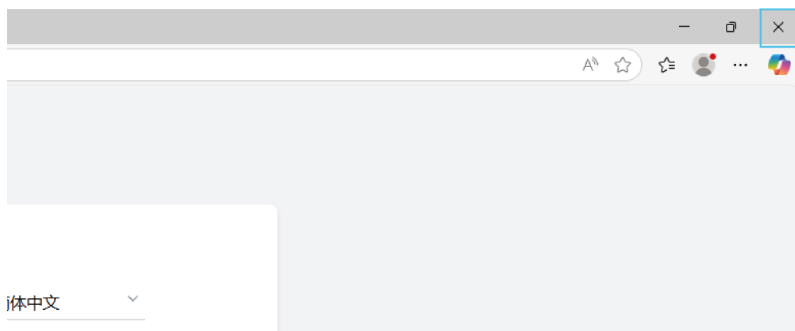
### Step 1.

Click the Close button  of the Image/Manga Translator application in the control panel.



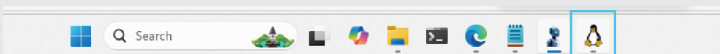


**Step 2.** Click the Close button  in the upper right corner of the Image/Manga Translator webpage.



#### NOTE

After you close the control panel and the webpage, the Penguin icon in the taskbar will disappear at the same time, which indicates your AI application is completely closed.




## 5.3 PixtoonLab

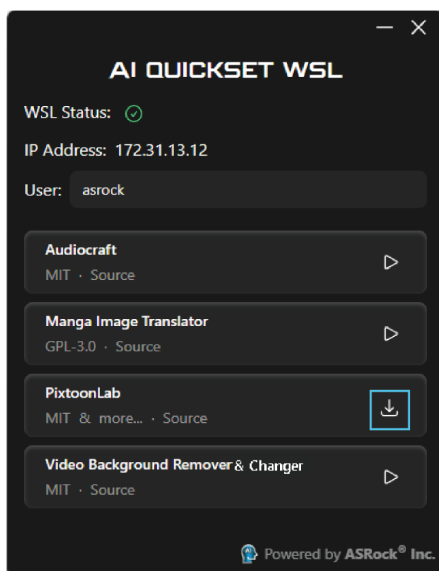
PixtoonLab is an AI model that can transform your photos into fun, unique 3D Pixar-style cartoon characters.



### NOTE

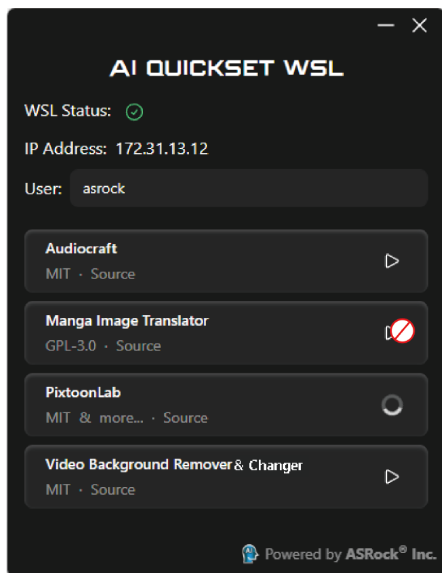
We recommend downloading the Stable Diffusion and the Whisper applications first, before downloading PixtoonLab, since the PixtoonLab may take much longer time than the others.




1. In the control panel, click the Download button  of the PixtoonLab application to download the app immediately.

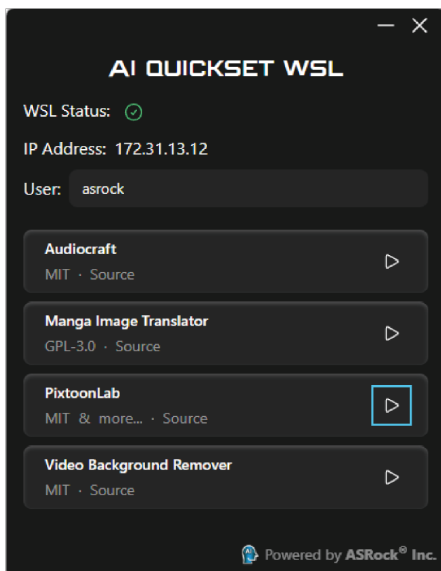


2. Once the download begins, a download window will appear. The download process may take about 1 to 2 hours. Actual time spent may vary depending on your system configuration and network speed. Please wait patiently and do not close the window until the download is complete.

During download, it is not permitted to end the download process, or to download and run another app in the AI QuickSet WSL.

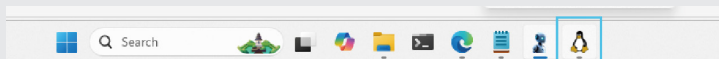


- When download is complete, the download window will be closed automatically; meanwhile, in the control panel, the Downloading icon  turns to the Launch button , which means the download is complete and the app is ready to be used.
- Click the launch button  of the PixtoonLab application. Please wait about 10 seconds when launching for the first time for the application to configure itself.



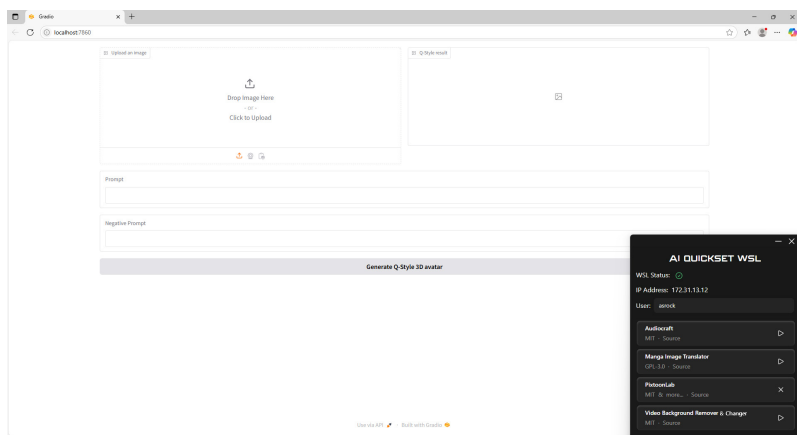
#### NOTE

If you want to see the launching process, you can click the Penguin icon in the taskbar to open up the initiation window.



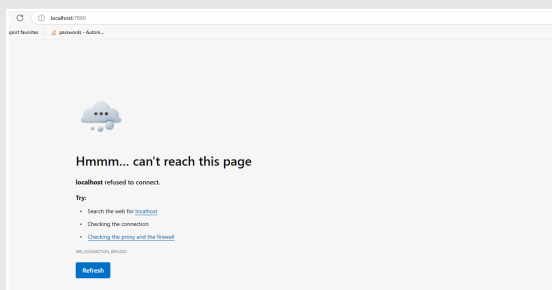
When the application is running, NEVER close this window. Simply click the Minimize icon to minimize the window.

- When the PixtoonLab webpage appears, the control panel will automatically move to the bottom right corner of your screen.



## NOTE

When the webpage is opened while showing the message "Hmmm... can't reach this page", please wait about 5 seconds for it to be refreshed automatically, or you can click the Refresh button to manually refresh the webpage.



- Click the upload area or drag an image into it to turn it into a cartoon.

Upload an image

Drop Image Here  
or  
Click to Upload

Prompt

Negative Prompt

Generate Q Style 3D avatar

- You can give positive prompts, in the Prompt column, to include all the details of what you want to see in the generated images.

Upload an image

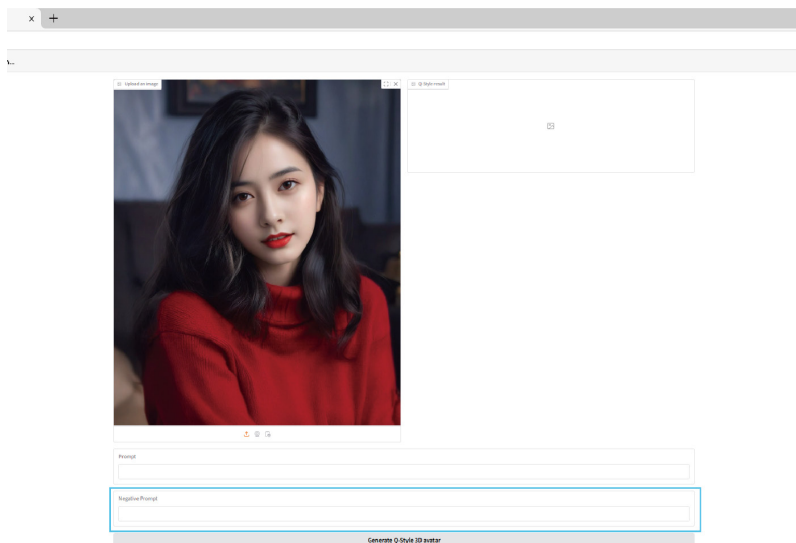
Q Style result

Prompt

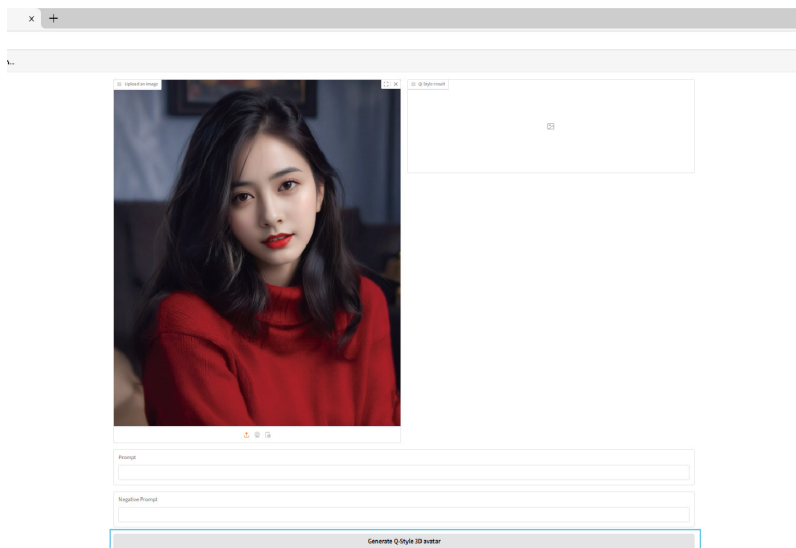
Negative Prompt

Generate Q Style 3D avatar

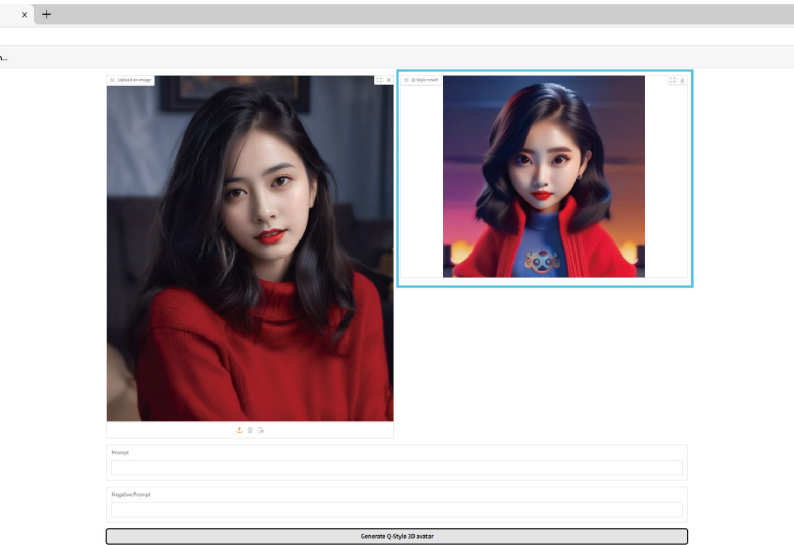
8. You can give negative prompts, in the Negative Prompt column, to specify what you do not want to see in the generated images.



9. Then click the “Generate Q-Style 3D avatar” button, and it will start to generate the image. It may take a few more minutes for the first time. Please wait patiently.




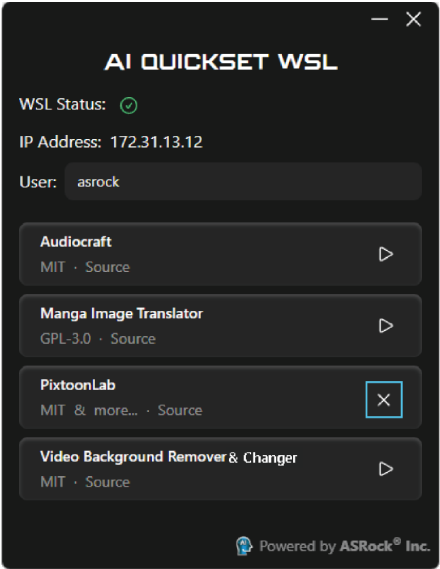
10. The process is complete. A cute 3D Pixar-style cartoon image is generated.




11. When you want to exit the application, please follow the steps below.

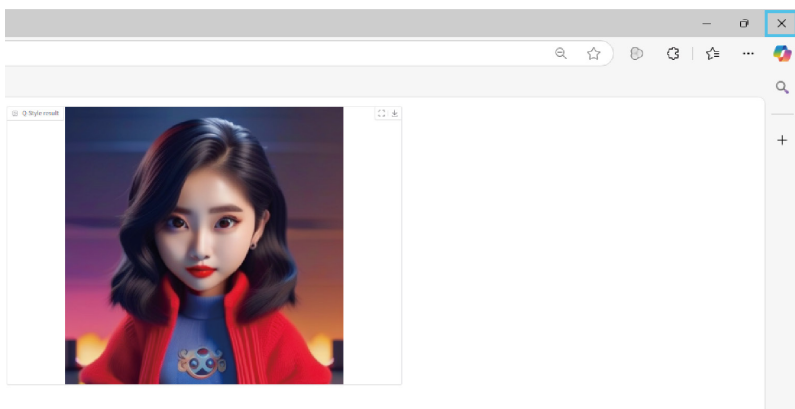
**Step 1.**

Click the Close button  of the PixtoonzLab application in the control panel.



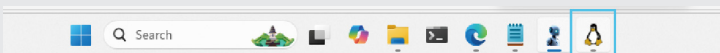


**Step 2.** Click the Close button  in the upper right corner of the PixtoonLab webpage.




#### NOTE

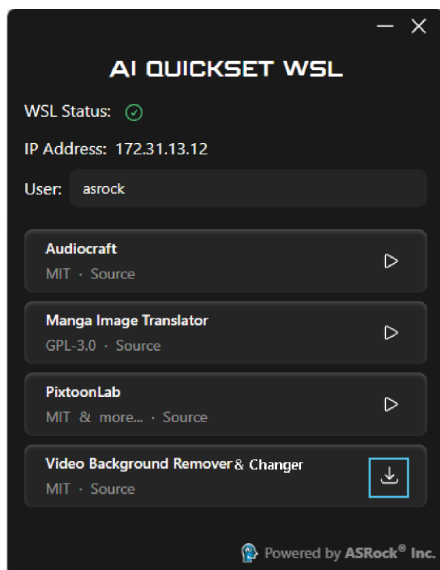
After you close the control panel and the webpage, the Penguin icon in the taskbar will disappear at the same time, which indicates your AI application is completely closed.



## 5.4 Video Background Remover & Changer

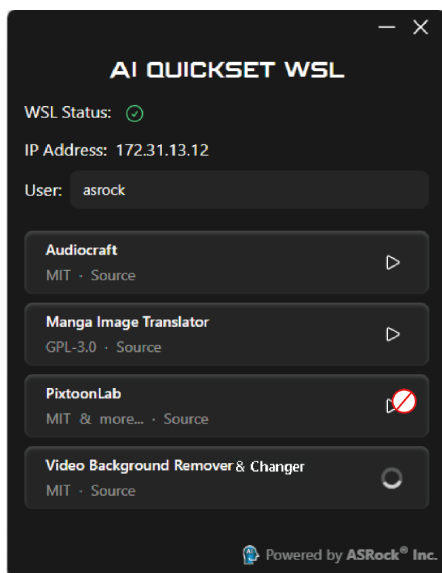
Video Background Remover & Changer lets you easily replace the background of a video with a solid color, another image, or a different video.




1. In the control panel, click the Download button  of the Video Background Remover & Changer application to download the app immediately.

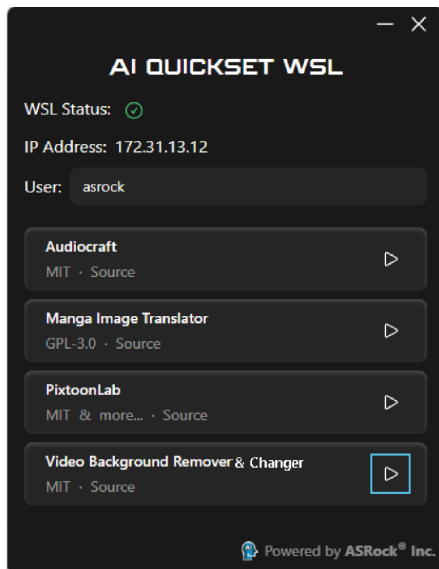


2. Once the download begins, a download window will appear. The download process may take about 20 minutes. Actual time spent may vary depending on your system configuration and network speed. Please wait patiently until it is done.

During download, it is not permitted to end the download process, or to download and run another app in the AI QuickSet WSL.

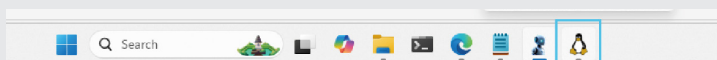


- When download is complete, the download window will be closed automatically; meanwhile, in the control panel, the Downloading icon  turns to the Launch button , which means the download is complete and the app is ready to be used.
- Click the launch button  of the Video Background Remover & Changer application. Please wait about 10 seconds when launching for the first time for the application to configure itself.



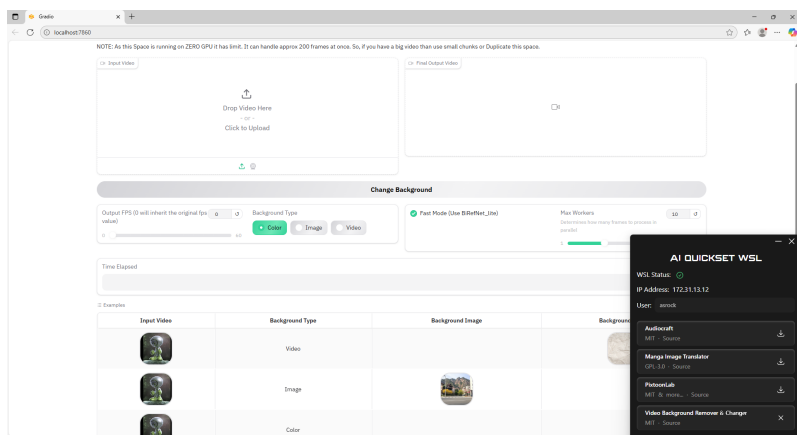
#### NOTE

If you want to see the launching process, you can click the Penguin icon in the taskbar to open up the initiation window.



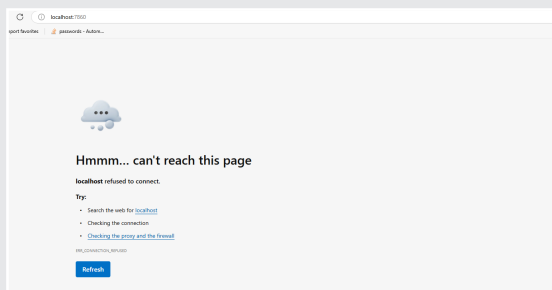
When the application is running, NEVER close this window. Simply click the Minimize icon to minimize the window.

5. When the Video Background Remover & Changer webpage appears, the control panel will automatically move to the bottom right corner of your screen.

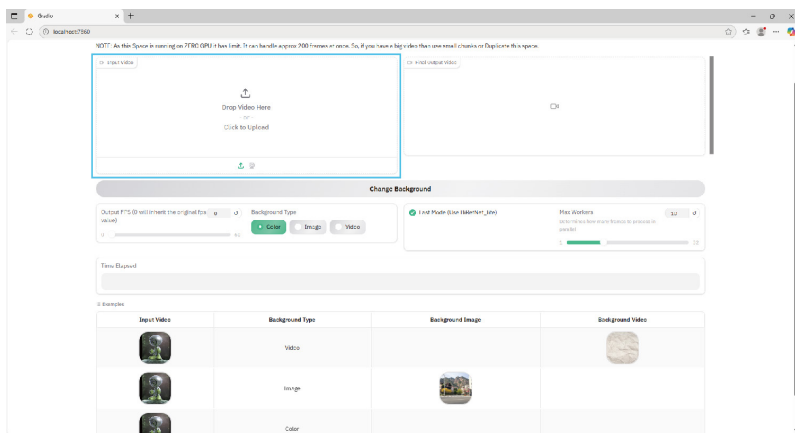


#### NOTE

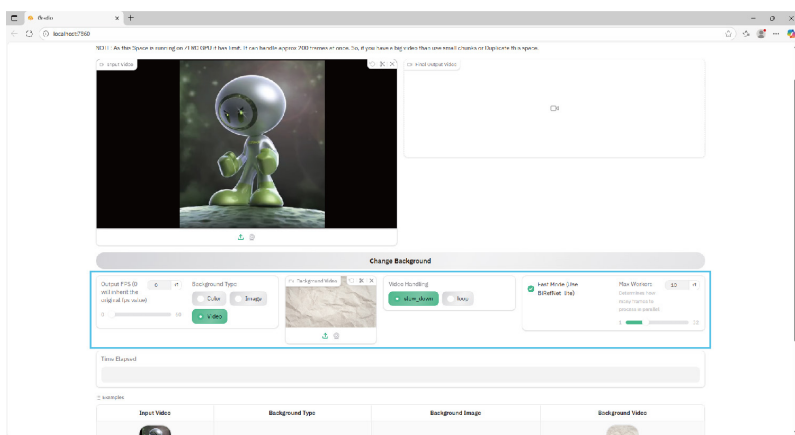
When the webpage is opened while showing the message "Hmmm... can't reach this page", please wait about 5 seconds for it to be refreshed automatically, or you can click the Refresh button to manually refresh the webpage.



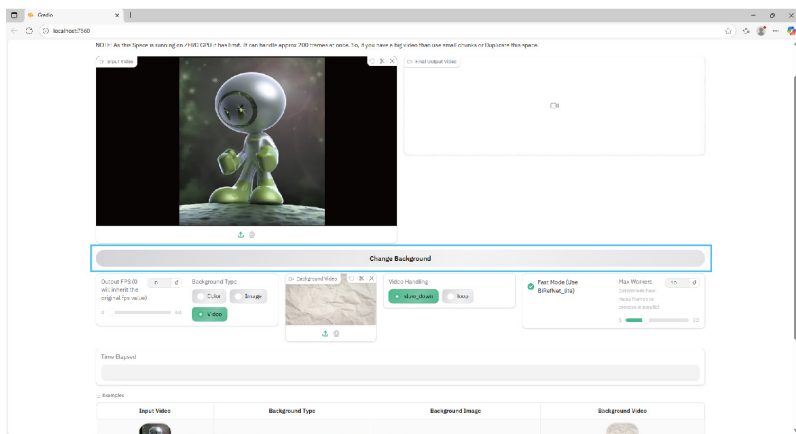
6. Drag or click to upload a video or record a video via webcam in the "Input Video" area.



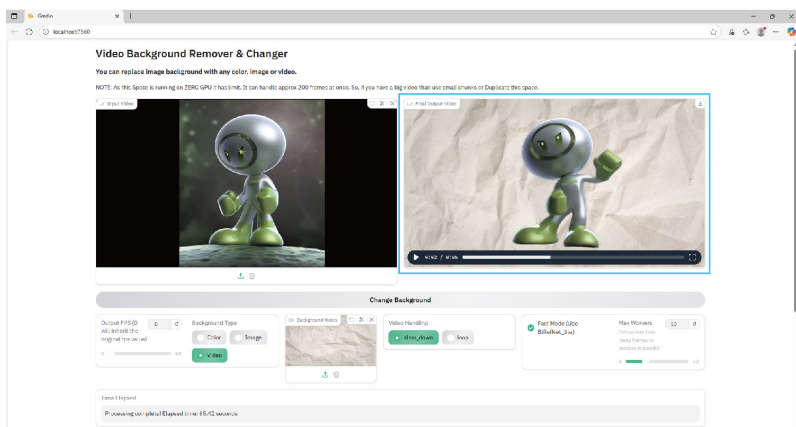
7. You can customize the related configurations, such as setting the output fps manually, choose from color, image or video sources as the background, and so on.



8. Click the "Change Background" button, and it will start to generate a new video. It may take a few minutes for the first time. Please wait patiently.




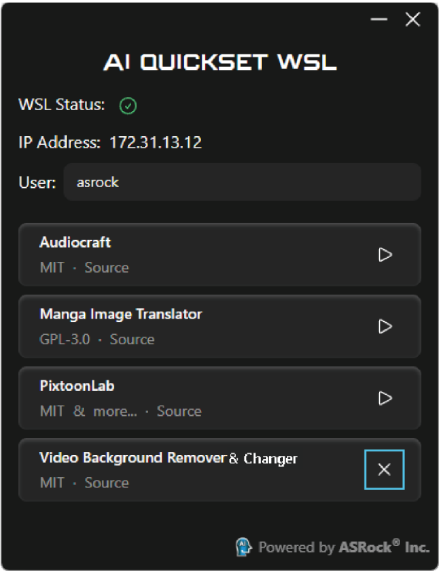
9. The process is complete. The video is successfully generated in the "Final Output Video" area. You can click the Play button to watch and the Download button in the upper right corner to save the video.




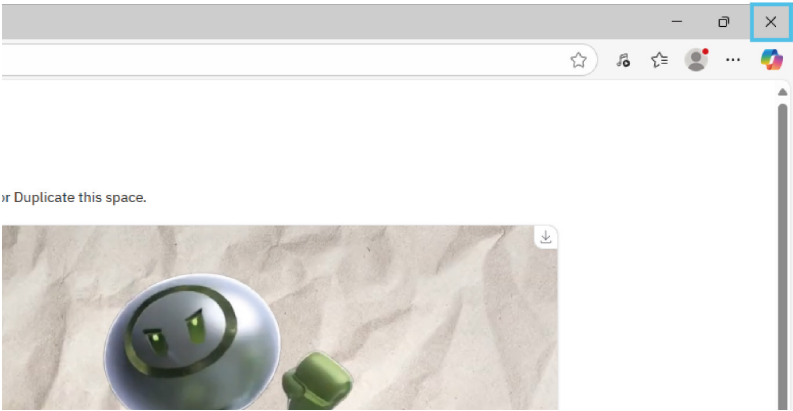
10. When you want to exit the application, please follow the steps below.

**Step 1.**

Click the Close button  of the Video Background Remover & Changer application in the control panel.



**Step 2.** Click the Close button  in the upper right corner of the Video Background Remover & Changer webpage.

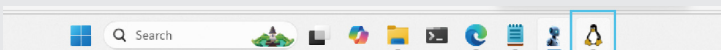






## NOTE

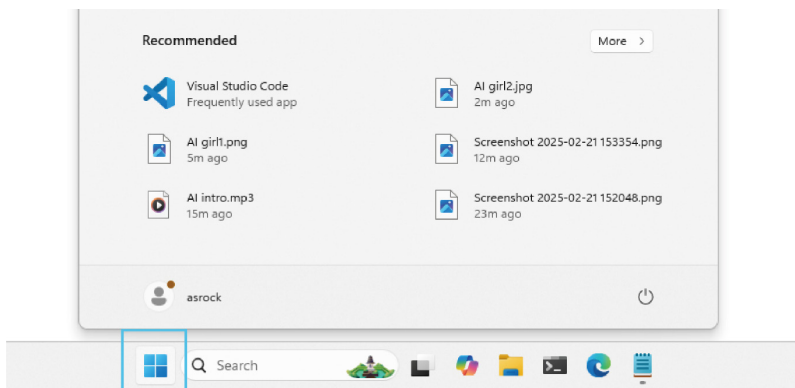
After you close the control panel and the webpage, the Penguin icon in the taskbar will disappear at the same time, which indicates your AI application is completely closed.



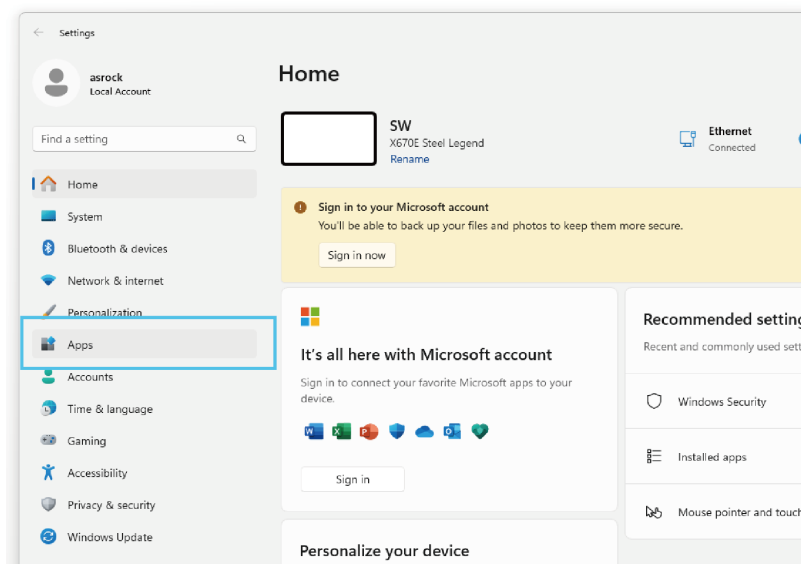
## Chapter 6 Software Uninstallation

Please follow the steps below to remove the "AI\_QuickSet\_WSL" software when it's no longer needed. Here we take Windows 11 as an example.

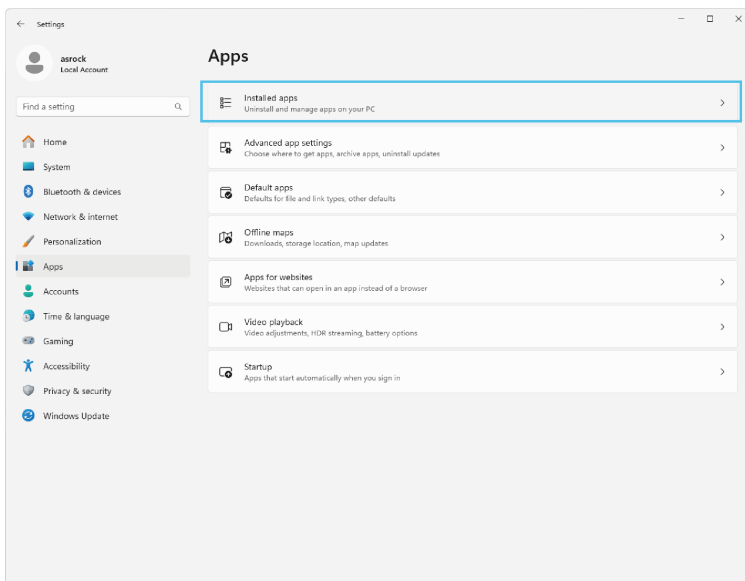
1. Click the Start menu icon  in the center of the taskbar.



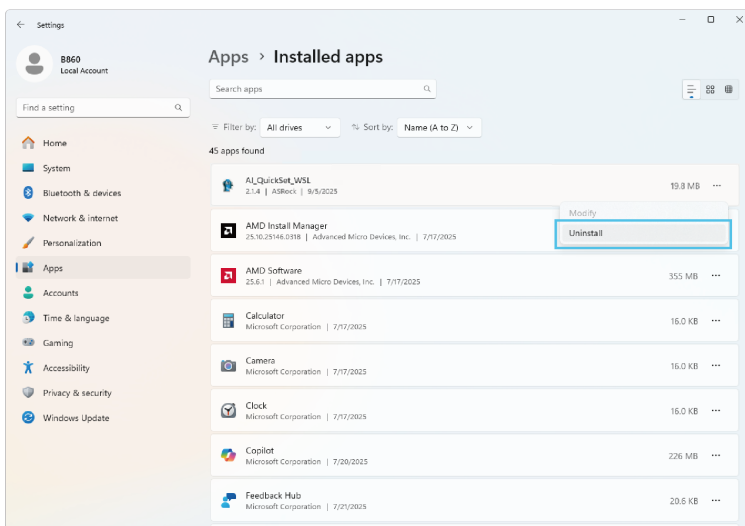
2. Select the "Apps" tab to head to the Apps page.



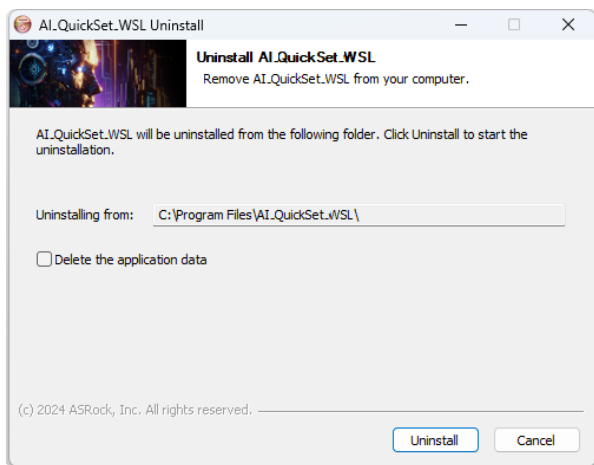
- Click the "Installed apps" from the right pane.



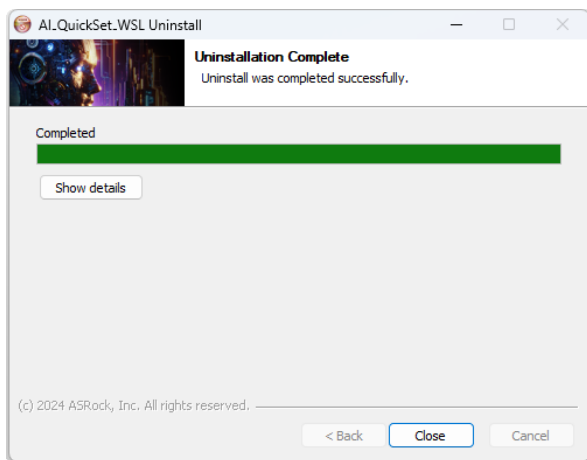
- Find the "AI\_QuickSet\_WSL" software in the list. Click on "... " to expand the sub menu, and then select "Uninstall".



- Click the "Uninstall" button to confirm the removal. Click "Yes" to start the uninstall process.



- Wait for the uninstall process to complete.
- When the software has been uninstalled successfully, click "Close" to close the window.



Version 1.0

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## **Terms of Notice**

Any configuration other than factory specification is not guaranteed.

The pictures in this document are for reference only. The actual user interface may vary with the updated software version.

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