

Zero Dynamics | Cash client GPU mining guide

How to Install WSL2 on Windows 11



Step 1: Enable WSL

1. Open Command Prompt as an administrator (always).
2. Run the following command:

```
wsl --install
```

This will enable the Windows Subsystem for Linux and download the necessary components.

3. Restart your computer.

Step 2: Enable Virtual Machine Platform

1. Run the following command in Command Prompt:

```
dism.exe /online /enable-feature /featurename:VirtualMachinePlatform /all /norestart
```

This enables virtualization capabilities required for WSL2.

Step 3: Restart Your Computer

Restart your computer to apply the changes.

Step 4: Set WSL2 as Default Version

Run the following command in Command Prompt:

```
wsl --set-default-version 2
```

This sets WSL2 as the default version for any new Linux distributions.

Step 5: Install and Set Up the Ubuntu Distribution with Desktop Environment

- Open the Microsoft Store, and search for the Ubuntu Linux distribution and click **Install**. Or alternatively use the following command in Command Prompt:

```
wsl --install -d Ubuntu
```
- Once installed, start Ubuntu. It will prompt you to create a username and password.

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<https://zero-dynamics.org/>

Create Desktop Environment user

Step 1: Download the script

Use a script to set up a desktop environment for a new user. Run the following command in your Ubuntu terminal (it might appear to halt, but it will finish ... patience):

```
wget https://raw.githubusercontent.com/Zero-Dynamics/
installation-tools/refs/heads/master/adduser_and_xrdp_setup.sh
```



Step 2: Execute the script

Execute the downloaded script by running:

```
chmod +x adduser_and_xrdp_setup.sh && \
sudo ./adduser_and_xrdp_setup.sh
```

Now you are ready to use WSL2 with a desktop GUI.

Step 3: Log into Remote Desktop

Now, open Remote Desktop on your Windows host machine, connect to localhost:3390, and log in with:

username: usr
password: pwd

Now you are in Kubuntu Desktop!

How to Install NVIDIA CUDA 12.6 for WSL2 on Windows 11

Step 1: Download the script

In the Kubuntu desktop environment open Konsole, then run the following command, this will download the install_wsl_cuda script:

```
wget https://raw.githubusercontent.com/Zero-Dynamics/
installation-tools/refs/heads/master/install_wsl_cuda.sh
```



Step 2: Execute the script

Execute the downloaded script by running:

```
chmod +x install_wsl_cuda.sh && \
./install_wsl_cuda.sh
```

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Download 0-Dyn Cash source code and compile client software

Step 1: Download the script

Open a new Konsole terminal, now run the following command, this will download the `install_cash_with_shortcut` script:

```
wget https://raw.githubusercontent.com/Zero-Dynamics/\
installation-tools/refs/heads/master/install_cash_with_shortcut.sh
```



Step 2: Execute the script

Execute the downloaded script by running:

```
chmod +x install_cash_with_shortcut.sh && \
./install_cash_with_shortcut.sh
```

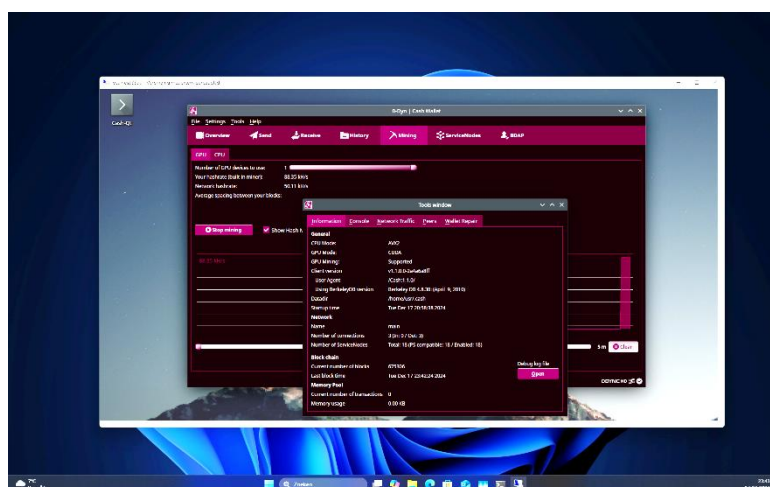
A shortcut will be created on the desktop to start the client software, be sure to mark it as an executable after running the desktop shortcut, alternatively you can use the terminal, and run the following command:

```
chmod +x ./cash-core/src/qt/cash-qt && \
./cash-core/src/qt/cash-qt
```

If the client has trouble finding peers you can add them manually in the Console tab of the Tools window, run the following lines consecutively until the client connects:

```
addnode 178.21.79.32 onetry
addnode 178.21.79.33 onetry
addnode 178.21.79.34 onetry
addnode 178.21.79.35 onetry
addnode 178.21.79.36 onetry
```

After the wallet has finished the synchronization process you can start mining using the GPU tab in the Mining page. Good luck!



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