DERO WooCommerce Payment Gateway - Installation Guide

The DERO Payment Gateway for WooCommerce lets you accept secure and private payments in DERO on your WooCommerce shop.

Requirements

- We assume you already own a WooCommerce shop running on a web server.
- The plugin was developed for and tested on **WooCommerce v3**, **Wordpress v5** and **PHP 7**.
  Make sure your software is up to date as we don't guarantee functionality for previous versions, though they still may work.

Step 1 - Wallet configuration

You need to have a running instance of the CLI Wallet in order to receive payments and comunicate to the plugin through the Wallet RPC Server.

Option 1 (Recommended) - Run Wallet on the same machine as the web server

1. Download the latest binaries of the *dero-wallet-cli* from the official releases page.
2. Extract the archive, open a terminal and `cd` into the folder which contains the extracted files.
3. Run the wallet through command line. Exact command may vary depending on your OS and arch.
   Example on Windows x64: `.\dero-wallet-cli-windows-amd64.exe`
   Example on Linux x64: `./dero-wallet-cli-linux-amd64`
   Following additional parameters are required:

   - `--rpc-server` to expose the wallet RPC Server the plugin needs to validate payments.
   - `--rpc-login=<username>:<password>` is highly recommended for security reasons as it lets you protect the wallet RPC server with a username and password of your choice.
   - `--remote` is recommended if you don't want to run a full DERO Node.

   Example of a complete command on Linux x64: `./dero-wallet-cli-linux-amd64 --remote --rpc-server --rpc-login=user123:pass123`

4. Create or restore a wallet from the CLI interface. We suggest you create a new unique wallet and regurarly transfer funds to a second cold wallet for security reasons.
5. **Wait for the wallet to sync with the blockchain** and **keep it running**. If wallet gets closed, payments won't be able to be processed by the plugin.

Option 2 - Run Wallet on a different machine than the web server

This option is not recommended for security reasons as you will have to expose the Wallet RPC server to the internet. Use this option **only if you are unable to run the wallet on the same machine as the web server**.

- Follow Option 1 until step 3
- When running step 3
  - Make sure your password in `rpc-login` is **extra strong**
  - Add the following parameter: `--rpc-bind=<your_ip>:<port>` where **your_ip** is the IP address of your machine and **port** is any number between 1024 and 49152 (default: **20209**).
    Note that you are also going to need to open said port.
    Example of complete command: `./dero-wallet-cli-linux-amd64 --remote --rpc-server --rpc-login=user123:verystrongpassword123456 --rpc-bind=11.222.33.44:20209`
- Proceed with the rest of the steps.

Step 2 - Plugin installation

1. Download the plugin from the releases page.
2. Unzip it into the `wp-content/plugins` folder of your Wordpress folder.
3. Activate the plugin in the `Plugins -> Installed Plugins` page of your Wordpress Dashboard.
4. Set up and Enable the payment gateway in the `WooCommerce -> Settings -> Payments` page of your Wordpress Dashboard.
   Make sure to:
   - Tick **Enable DERO Gateway Payment**.
   - Enter correct **Wallet RPC IP Address** and **Port**. Leave default values `127.0.0.1` and `20209` if you followed Option 1 of Wallet configuration.
   - Tick **Enable Wallet RPC Login** and enter correct **username** and **password** if you run your wallet with `rpc-login` parameter.
   - Save changes.