Join the MoneroUSD testnet

Everything you need to download the wallet, run your own node, get free test coins and try payments, staking and IonSwap. It takes about five minutes.

What you need

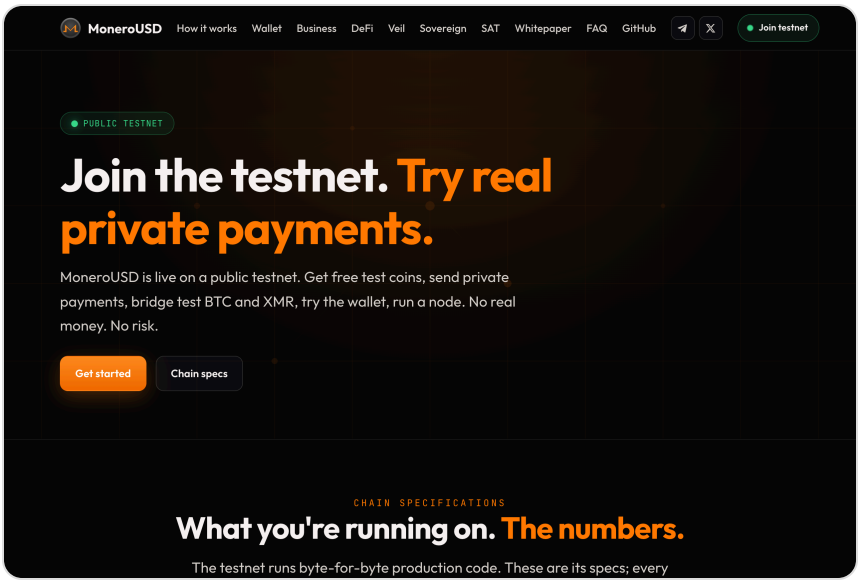
- A Mac with Apple Silicon (M1 or newer). Windows and Linux wallet builds are coming; on those systems you can already run the node from source (step 7).
- An internet connection. The wallet reaches the network only over Tor, through the Tor client built into it. There is nothing else to install.

Good to know

- Testnet coins are free and have **no value**. The testnet runs the same code as the future mainnet, so what you see here is how the real chain behaves.
- The wallet runs its own node. When you open it, the node starts by itself and joins the testnet. You don't need to set anything up.

1 Download the wallet

Go to **monerousd.org/testnet.html** and click **macOS (Apple Silicon)** under “Get started”. The file is **MoneroUSD-Wallet-macOS-testnet.dmg**. You can check its SHA256 checksum on the release page linked under “All releases”.

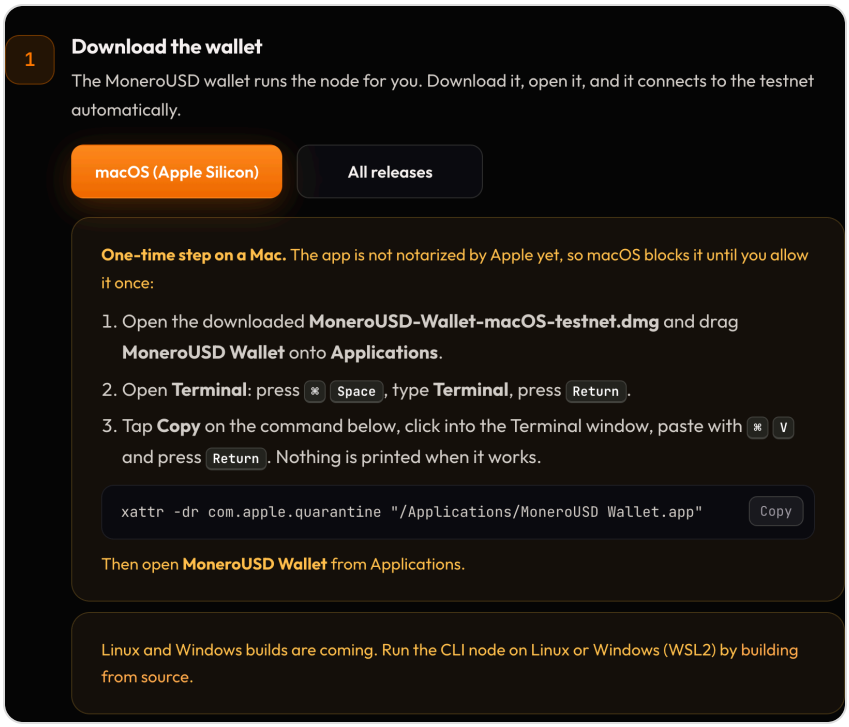


The testnet page at monerousd.org

2 Install it, and allow it once

1. Open the downloaded **.dmg** file. A window opens with **MoneroUSD Wallet** and an **Applications** folder. Drag the wallet onto **Applications**.
2. The app is not notarized by Apple yet, so macOS blocks it until you allow it once. Open **Terminal**: press `⌘` `Space`, type **Terminal**, press `Return`.
3. Copy this command, click into the Terminal window, paste it with `⌘` `V` and press `Return`. Nothing is printed when it works.

```
xattr -dr com.apple.quarantine "/Applications/MoneroUSD Wallet.app"
```

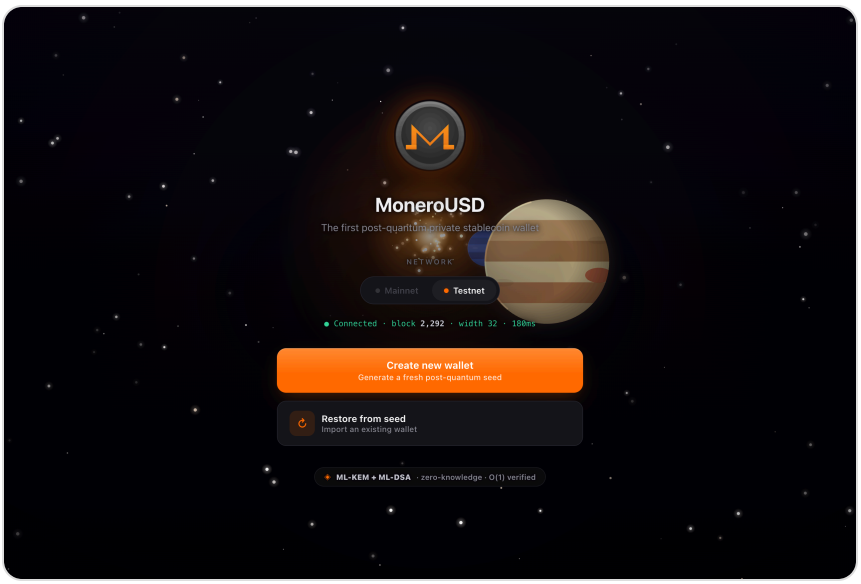


The same steps on the testnet page, with a Copy button on the command

Now open **MoneroUSD Wallet** from your Applications folder.

3 Open the wallet: your node starts and joins the testnet

The wallet starts its own node and connects it to the testnet over Tor. The first time, this takes about a minute. When the line under **Testnet** reads **• Connected · block …**, your node is on the chain. **Mainnet** is greyed out until the public launch.

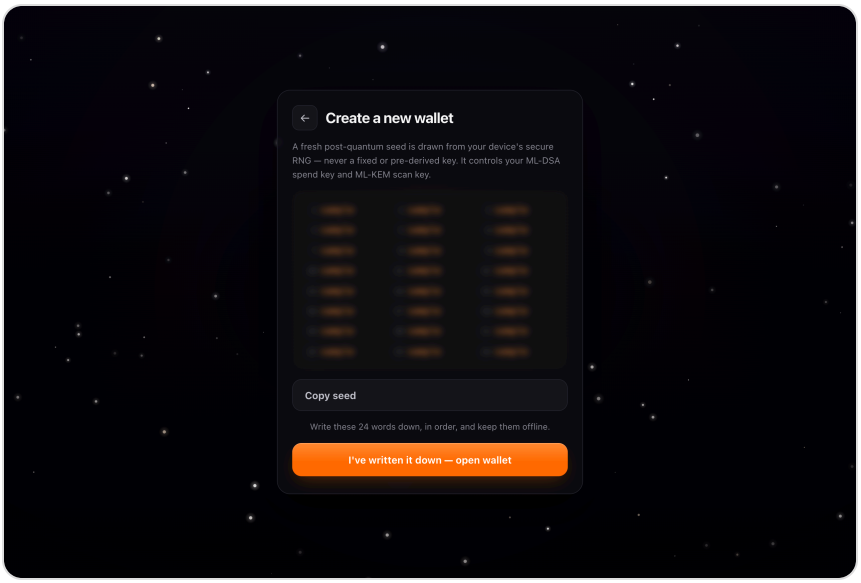


The welcome screen once your node is connected (block number from the live testnet)

4 Create your wallet and write down your 24 words

1. Click **Create new wallet**, then **Generate seed**.
2. The wallet shows **24 words**. Write them down on paper, in order, and keep them offline. These words are the only way to restore your wallet.
3. Click **I've written it down — open wallet**.

Never share your 24 words. Nobody from MoneroUSD will ever ask for them. No website, app or message can make the wallet reveal them, and you should never type them anywhere except **Restore from seed** in this wallet. The words in the picture below are blurred on purpose.

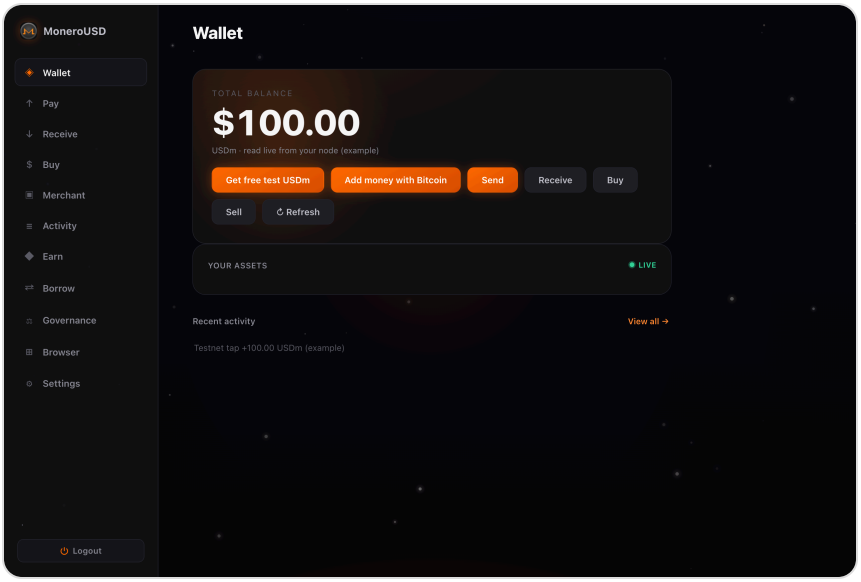


Your 24 words appear in a numbered grid (blurred here)

Already have a wallet? Click **Restore from seed** on the welcome screen and enter your 24 words.

5 Get free test USDm

On the home screen, click **Get free test USDm**. The same tap is under **Browser** → **Testnet Tap**. In our test on the live testnet, the drip was in the wallet after **about 2 minutes** and could be spent after **about 4 minutes**. A new note can be spent once the chain has settled the block that carries it.



The home screen (example balance)

6 Try it out

Send and receive

Click **Send**, enter a testnet address or username, choose an amount and confirm. Your device builds a zero-knowledge proof. Nobody, not even the nodes, can see the amount or who paid whom. To get paid, click **Receive** and share your address. The wallet shows each payment as pending until the chain carries it, then as sent or received.

Stake

Open **Earn** and stake test USDm. Your stake appears under **Your stake** once the chain carries it.

IonSwap: create a token, open its pool, trade

1. Open **Browser** → **IonSwap**. Under **Create**, launch a token. You can drag a picture onto the logo box. The new token appears in your wallet as soon as it is created.
2. Go to **Pools**. Under “Open a pool for a token you hold”, pick your token and make the first deposit of the token and USDm. That deposit opens its public pool and sets its price.
3. Anyone on the testnet can now see your pool and buy or sell your token. What they buy arrives in their wallet on its own.

Measured on the live testnet on 18 Nov 2026: a token was created, and its pool opened with 1,000 tokens and 100 USDm. A buy of 10 USDm from the creator's wallet delivered 90.66 tokens. A second wallet, on a different node that had joined over Tor, saw

the pool at once, bought 5 USDm worth, and received 39.43 tokens.

7 Run a node without the wallet (advanced)

The wallet already carries a node. To run one on its own, on a server or on Linux or Windows (WSL2), build it from source with Rust (`rustup`, stable):

```
# Clone and build
git clone https://github.com/casdevmonero/monerousd.git
cd monerousd/monerousd-node-zkdag
cargo build --release --bin usdmd-node

# Start the node on the testnet (RPC on 127.0.0.1:27780)
MONEROUSD_NET=testnet MONEROUSD_RPC_PORT=27780 \
  ./target/release/usdmd-node serve
```

Get test USDm from your own node's faucet (use your wallet's receive address):

```
curl -X POST http://127.0.0.1:27780/faucet/drip \
  -H 'Content-Type: application/json' \
  -d '{"amount": 100, "to": "YOUR_ADDRESS"}'
```

Run a validator: the node bonds test SAT and derives its validator key from its own seed. There are no passwords to set.

```
MONEROUSD_NET=testnet MONEROUSD_RPC_PORT=27780 MONEROUSD_VALIDATOR_BOND=1 \
  ./target/release/usdmd-node serve
```

? If something goes wrong

What you see	What to do
macOS says the app “is damaged” or “can't be opened”	Run the Terminal command from step 2, then open the app again.
The welcome screen says it is starting your node	Wait. The first start joins the testnet over Tor and takes about a minute.
Test USDm shows as still settling	Wait a few minutes. A new note can be spent once the chain has settled the block that carries it.
“Restore failed: invalid recovery phrase”	Check that you entered exactly 24 words, in order, separated by single spaces.
A new version is out	Download the new .dmg from the testnet page, drag it onto Applications to replace the old app, and run the step 2 command again. Your wallet and node data are kept.

Questions? Join the conversation linked at the bottom of monerousd.org/testnet.html. Testnet coins have no value; never send real money to a testnet address.