

A man with a beard, wearing a dark grey suit, white shirt, and dark tie, is crouching on a dark, rocky surface. He holds a glowing, spherical object in his right hand, which emits a bright light. In his left hand, he holds a shovel. The background is a dark, starry sky with a bright light source on the right side, creating a dramatic, ethereal atmosphere.

# MINING SETUP



**xRHODIUM**



# Mining Setup

To mine xRhodium you need to set up a XRC wallet and configure your miner of choice.

To set up a wallet please visit [wallet.xrhodium.org](https://wallet.xrhodium.org).

## Sign up for XRC wallet if not yet done so

1. Create an account, with your username, password and secure question.
2. Sign in and click "Create Wallet".
3. Set up a strong transaction password. Make sure you store it securely in a secure password manager of choice.
4. Copy the seed somewhere safe. It'd be a good idea to write seed on a hardcopy and keep it safe.
5. Paste it to confirm you got it right.
6. Grab an address for the mining step.

Your wallet is now ready to mine XRC.

## Set up your miner

1. Any miner that supports X13 will be able to mine XRC. We have a few examples below of miners that are well tested with XRC network.
2. For any miner, configure the miner to point to:

(0-0.8 GH/s) <stratum+tcp://poolcore.xrhodium.org:3061>

(0.8-2 GH/s) <stratum+tcp://poolcore.xrhodium.org:3062>

(3-4 GH/s) <stratum+tcp://poolcore.xrhodium.org:3063>

(5+ GH/s) <stratum+tcp://poolcore.xrhodium.org:3064>



with your XRC address as username and x as password. You don't need to open an account on pool. You will be mining to XRC address and mined coins will be transferred to your wallet

- **after blocks reach 10 block maturity**
- **after you mined up minimal amount of coins**
- **sometimes mined blocks could get rejected by network (orphaned) after they were counted as valid blocks. This is normal network behavior to follow longest chain**

3. <http://poolcore.xrhodium.org> is used to follow your miner and network statistics.

## CPU Miner-Multi

Source

<https://github.com/tpruvot/cpuminer-multi>

Sample configuration with CPU Miner tested on UBUNTU.

```
{  
  "url" : "stratum+tcp://poolcore.xrhodium.org:3061",  
  "user" : "YOUR BTR ADDRESS",  
  "pass" : "x",  
  "algo" : "x13",  
  "threads" : 1,  
  "cpu-priority" : 5,  
  "cpu-affinity" : 1,  
  "benchmark" : false,  
  "debug" : true,  
  "protocol" : true,  
  "show-diff" : true,  
  "quiet" : false  
}
```

Command to run your CPUMiner:

`cpuminer -c cpuminer.json`



# SGMiner (ATI GPU)

SGMiner is a GPU-based miner

<https://github.com/nicehash/sgminer/releases>

The configuration below was tested on Windows:

```
setx GPU_FORCE_64BIT_PTR 0
setx GPU_MAX_HEAP_SIZE 100
setx GPU_USE_SYNC_OBJECTS 1
setx GPU_MAX_ALLOC_PERCENT 100
setx GPU_SINGLE_ALLOC_PERCENT 100
cd C:\Software\sgminer-5.6.1-nicehash-51-windowsamd64 sgminer.exe
--gpu-platform 1 --algorithm x13mod -url stratum+tcp://poolcore.xrhodium.
org:3062 -- pool-user -- userpass :x -- auto-fan --temp-target 70 --temp-over-
heat 82 -- temp-cutoff 85 --gpu-fan 65-85 --log-file log.txt --no-adl --no-extra-
nonce -P -T
```

# CCMiner (NVIDIA GPU)

CCMiner is a GPU-based miner (NVIDIA)

Command to run your CCMINER:

```
ccminer-x64.exe -a x13 -o stratum+tcp://poolcore.xrhodium.org:3062 -O  
:without -D --show-diff
```



# Baikal miner

Settings:

Url:

(0-2 GH/s) **stratum+tcp://poolcore.xrhodium.org:3062**

(3-4 GH/s) **stratum+tcp://poolcore.xrhodium.org:3063**

(5+ GH/s) **stratum+tcp://poolcore.xrhodium.org:3064**

Algo: x13

User: your XRC receiving address (make sure you set 2 distinct addresses for each hashing board)

Pass: x

Extranonce: leave off

Priority set to 0 and 1

Once pool stratum address and your wallet as user are set up you should see your miner mining against XRC pool. When miner is working the status column is green. The pool and miner are incorrectly configured now as status says "Dead" highlighted in red.

For production, when there are more pools mining XRC in different geographic/availability locations choose the nearest to you as lowest priority and then add desirable fall back pool options in different geographic locations or pools. This is useful when one pool experiences issues, to fall back to different pool in XRC network.



**Feel free to ask questions in XRC Discord community. There are lots of helpful people around the world watching XRC 24x7.**

**xRhodium Dev Team**





**xRHODIUM**