



# 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 [www.electrumxrc.org](http://www.electrumxrc.org).

## Set up your miner

1. Any miner that supports X11 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 stratum url + port of any pool.

Example of stratum url + port:

<stratum+tcp://poolcore.xrhodium.org:3061>

You can find actual poolcore.xrhodium.org configuration there:

<http://poolcore.xrhodium.org/connect.html>

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

## 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 XRC ADDRESS",  
  "pass" : "x",  
  "algo" : "x11",  
  "threads" : 1,  
  "cpu-priority" : 5,  
  "cpu-affinity" : 1,  
  "benchmark" : false,  
  "debug" : true,  
  "protocol" : true,  
  "show-diff" : true,  
  "quiet" : false  
}
```

Command to run your CPU Miner:

```
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 x11 -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 x11 -o stratum+tcp://poolcore.xrhodium.org:3062 -O  
:without -D --show-diff
```

# Baikal miner

Settings:

Url:

**stratum+tcp://poolcore.xrhodium.org:3063**

Algo: x11

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**



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