New To Mining Guide

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Requirements

① GPU
② Mining Software
③ Ergo Wallet

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① GPU Requirements

Nvidia
- 1000 series or newer

AMD
- 400 series or newer

- 4GB VRAM or higher

② Mining Software

Nvidia
- T-Rex miner recommended
(**github.com/trexminer/T-Rex/releases**)
- or NBminer, lolminer, nanominer

AMD
- Team Red Miner recommended
(**github.com/todxx/teamredminer/releases**)
- or NBminer, SRBminer, lolminer, nanominer

③ Ergo Wallet

Browser Based
- Nautilus Wallet (Chrome Store)
- SafeW

Mobile
- Aneta Wallet (Google Play Store)
- Ergo Mobile App (Android & TestFlight iOS)

☆ Exclude or add exceptions for your software miner folder with any anti-virus and/or firewall

Mining Software Setup (for T-Rex Miner)

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① Rename 'ERGO-2miners' to 'ERGO-get_blok'

② Set 't-rex.exe' to run as admin
  - Right click 't-rex.exe' -> properties -> compatibility tab -> check 'Run this program as an admin'

③ Set up miner config
  - Right click 'ERGO-get_blok.bat' -> edit (w/ notepad)
  - Add GetBlok.io Server + your ERG wallet address
  - Save + close

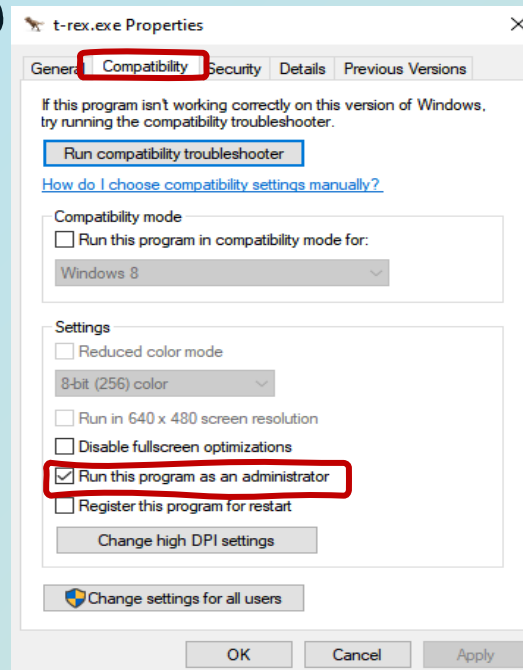④ Double click 'ERGO-get_blok.bat' to run!

For more: getblok.io/how-to-connect/

③
*ERGO-get_blok.bat - Notepad
File Edit Format View Help
t-rex.exe -a autolykos2 -o stratum+tcp://ergo.getblok.io:3056 -u YOURERGWALLETADDRESS.YOUR_MINER_NAME -p x
pause

② t-rex.exe Properties

General | **Compatibility** | Security | Details | Previous Versions

If this program isn't working correctly on this version of Windows, try running the compatibility troubleshooter.

[Run compatibility troubleshooter]

How do I choose compatibility settings manually?

Compatibility mode
☐ Run this program in compatibility mode for:
[Windows 8]

Settings
☐ Reduced color mode
[8-bit (256) color]
☐ Run in 640 x 480 screen resolution
☐ Disable fullscreen optimizations
☑ Run this program as an administrator
☐ Register this program for restart
[Change high DPI settings]

[Change settings for all users]

[OK] [Cancel] [Apply]

①

Name	Date modified	Type
help	5/24/2022 4:57 PM	File folder
ALPH-herominers.bat	5/24/2022 4:57 PM	Windows Batch File
ALPH-woolypooly.bat	5/24/2022 4:57 PM	Windows Batch File
CFX-nanopool.bat	5/24/2022 4:57 PM	Windows Batch File
CFX-woolypooly.bat	5/24/2022 4:57 PM	Windows Batch File
config_example	5/24/2022 4:57 PM	File
ERGO-get_blok.bat	6/6/2022 9:41 AM	Windows Batch File
ERGO-herominers.bat	5/24/2022 4:58 PM	Windows Batch File
ERGO-nanopool.bat	5/24/2022 4:57 PM	Windows Batch File
ERGO-woolypooly.bat	5/24/2022 4:57 PM	Windows Batch File
ETC-2miners.bat	5/24/2022 4:57 PM	Windows Batch File

④ **Success!**

```
20220608 08:53:11 T-Rex NVIDIA GPU miner v0.26.4  -  [Windows]
20220608 08:53:11 r.ff9b0053718b
20220608 08:53:11
20220608 08:53:11 NVIDIA Driver v512.77
20220608 08:53:11
20220608 08:53:11 + GPU #0: [00:01.0|2489] EVGA GeForce RTX 3060 Ti, 8191 MB
20220608 08:53:11 WARN: DevFee 2% (autolykos2)
20220608 08:53:11
20220608 08:53:11 URL : stratum+tcp://ergo.getblok.io:3056
20220608 08:53:11 USER:
20220608 08:53:11 PASS:
20220608 08:53:11 Starting on: ergo.getblok.io:3056
20220608 08:53:11 ApiServer: HTTP server started on 127.0.0.1:4067
20220608 08:53:12 For control navigate to: http://127.0.0.1:4067/trex
20220608 08:53:12 GPU #0: intensity 23.6
20220608 08:53:12 Extranonce is set to: 918c
20220608 08:53:12 Authorizing...
20220608 08:53:12 Authorized successfully.
20220608 08:53:12 autolykos2 block: 767563, diff: 4.00 G
20220608 08:53:12 GPU #0: allocated memory for the dataset, memory left: 4.67 GB
20220608 08:53:14 GPU #0: dataset generated for block 767563 [time: 2517 ms]
20220608 08:53:14 GPU #0: allocated memory for the dataset, memory left: 2.36 GB
20220608 08:53:19 autolykos2 block: 767564, diff: 4.00 G
20220608 08:53:20 GPU #0: dataset generated (partially) for block 767564 [time: 1076 ms]
20220608 08:53:26 autolykos2 block: 767565, diff: 4.00 G
20220608 08:53:27 GPU #0: dataset generated (partially) for block 767565 [time: 451 ms]
-----------------20220608 08:54:12 -----------------
Mining at ergo.getblok.io:3056 [20.41.28.131], diff: 4.00 G
GPU #0: EVGA RTX 3060 Ti - 162.13 MH/s, [T:62C, P:159W, F:76%, E:1.04MH/W]
Shares/min: 0
Uptime: 1 min | Algo: autolykos2 | Driver: 512.77 | T-Rex 0.26.4

20220608 08:54:37 [ OK ] 1/1 - 163.51 MH/s, 29ms ... GPU #0
20220608 08:54:41 [ OK ] 2/2 - 163.24 MH/s, 25ms ... GPU #0
-----------------20220608 08:54:42 -----------------
Mining at ergo.getblok.io:3056 [20.41.28.131], diff: 4.00 G
GPU #0: EVGA RTX 3060 Ti - 163.23 MH/s, [T:63C, P:159W, F:76%, E:1.03MH/W], 2/2 R:0%
Shares/min: 2 (Avg. 1.348)
Uptime: 1 min 30 secs | Algo: autolykos2 | Driver: 512.77 | T-Rex 0.26.4
WD: 1 min 32 secs, shares: 2/2
```
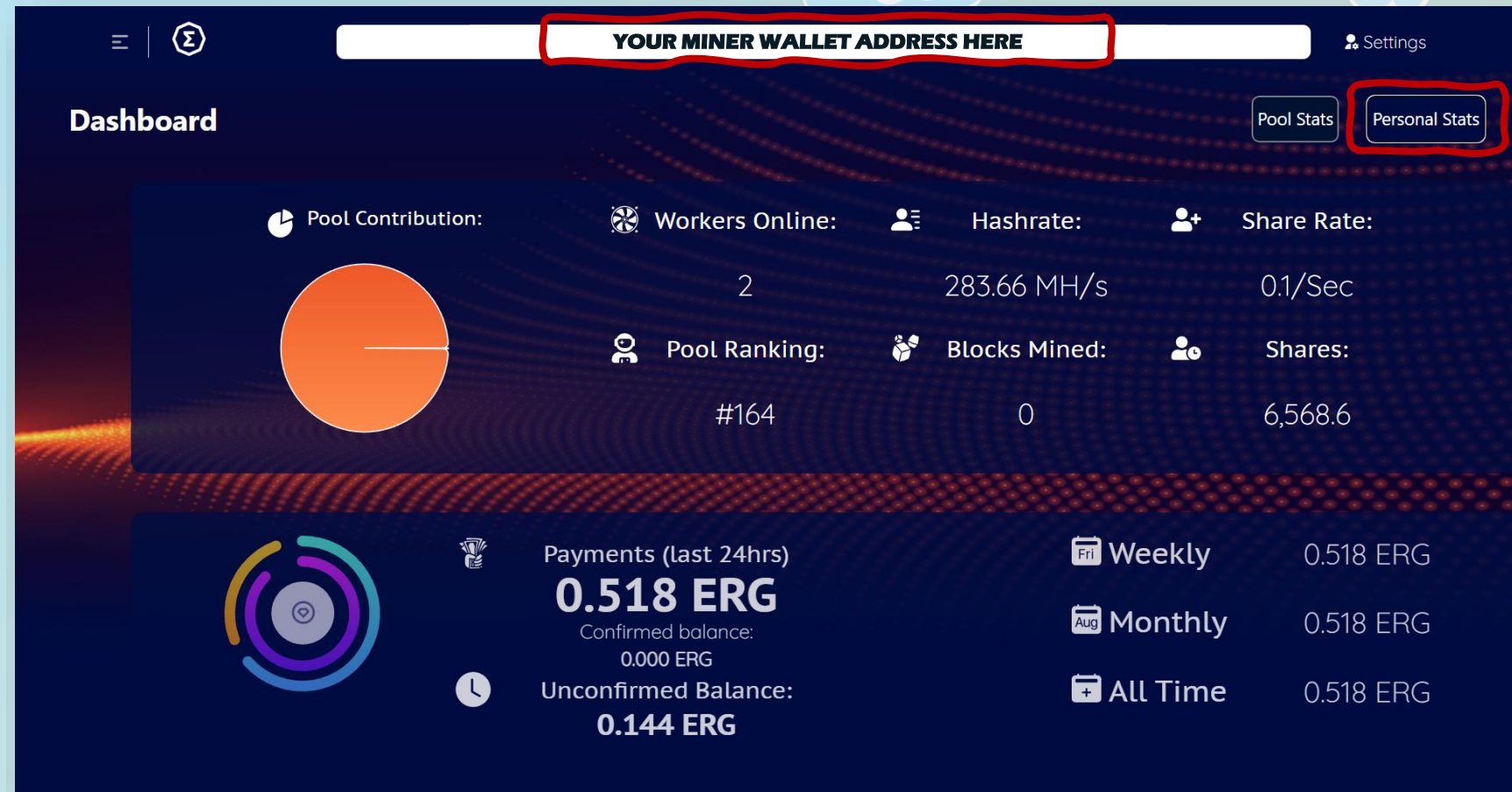
Mining Continued

To Monitor:

Go to 'ergo.getblok.io' -> input your mining wallet ergo address

- Allow up to 60 minutes mining for your wallet address to be recognized

- Allow 12-24 hours mining for your average pool hashrate to align with your local miner software

- anetaBTC mining will appear in 'SmartPools' tab on Saturday, June 11

- getblok.io/smartpool-faq/

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Σ   YOUR MINER WALLET ADDRESS HERE   ⚑ Settings

Dashboard   Pool Stats   Personal Stats

Pool Contribution: Workers Online: Hashrate: Share Rate:

2   283.66 MH/s   0.1/Sec

Pool Ranking: Blocks Mined: Shares:

#164   0   6,568.6

Payments (last 24hrs)
0.518 ERG
Confirmed balance:
0.000 ERG
Unconfirmed Balance:
0.144 ERG

Fri Weekly   0.518 ERG

Aug Monthly   0.518 ERG

All Time   0.518 ERG

Resources

Full Step-by-Step Guide (not specific to GetBlok.io)
- **youtu.be/5SRIga9Q7rY**

Excellent Community Documentation on Ergo Mining
- **ergonaut.space/en/Guides/Mining**

Subreddit Dedicated to Ergo Mining
- **reddit.com/r/erg_miners/**

Official Ergo Platform Mining Documentation
- **docs.ergoplatform.com/mining/**

GetBlok.io Resources
- **ergo.getblok.io/**
- **getblok.io/how-to-connect/**
- **getblok.io/smartpool-faq/**

Mining Earnings Calculator
- **whattomine.com/**

For more technical discussion on GPU and hashrate optimization please see:

reddit.com/r/erg_miners
anetaBTC discord #mining
GetBlok.io discord