

How to Dual Mine ETH and PASC using Coinotron

The Long, PDF-version

This guide goes through the process of mining...

- Both ETH and PASC on Coinotron
- ETH on another (your current) pool, PASC on Coinotron

Short foreword

This guide is meant for Windows, but the process is pretty much the same for Linux as well.

Why mine PASC on Coinotron? Nanopool works for me.

Nanopool is absolutely amazing when it comes to getting started; it just works out of the box. If you, like me, want to have options, like not getting mail bombarded with notifications in the middle of the night that a worker has gone offline when it hasn't, then you want a pool that offers an account with a control panel. What if you lose the password to your wallet and need to change payout info, or you simply wish more reliable control over payout amount settings? That's where Coinotron comes in.

There's also the benefit of the coin. Maybe you don't care whether PASC will live or die; maybe you sell your coins as soon as you get them. But of all the coins you can dual mine, if PASC has gotten your attention for any other reason, and at no cost to your own, why not do what's best for the coins longevity and spread the hashrate over multiple pools? And right now, Coinotron is the best option for that with a proven track record and reliability for several years.

So, let's get started, shall we?

Step 1) Claymore Dual Miner

First off you need a miner capable of dual mining. This guide will use Claymore. You can find the latest version at <https://bitcointalk.org/index.php?topic=1433925.0>

Follow the instructions for your platform on what and how to download and unpack.

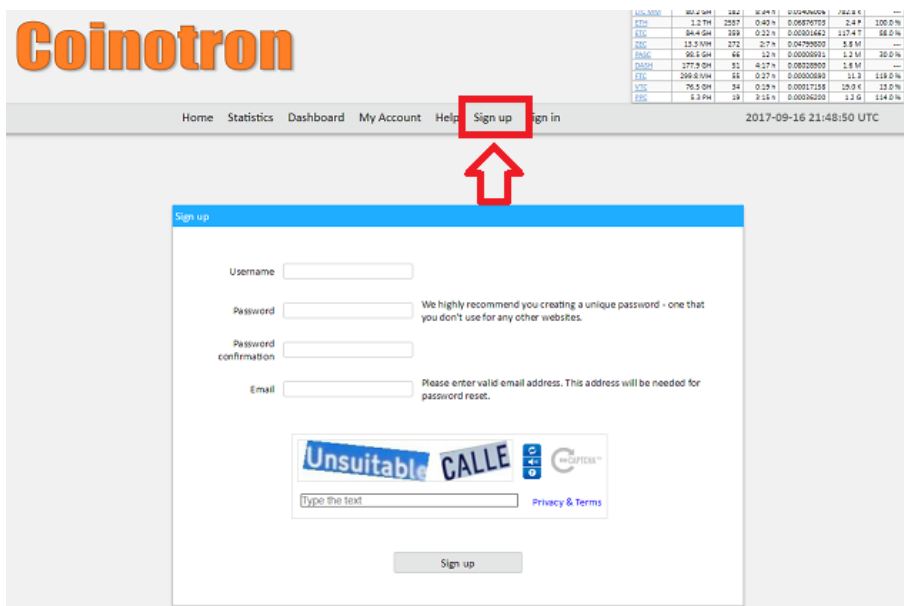
Step 2) Coinotron Account

2.1) Short version:

- Create account at <https://www.coinotron.com>
- Click activation link in your mail
- Login
- Go to step 3 in this guide (page 6)

2.2) Long, very thorough version:

Go to <https://www.coinotron.com> and click on "Sign up":



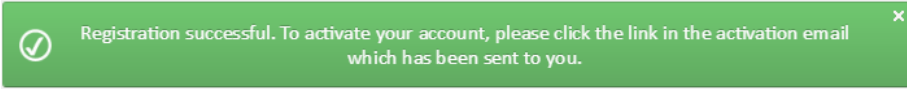
The screenshot shows the Coinotron website interface. At the top left is the 'Coinotron' logo. To the right is a table with market data. Below the logo is a navigation bar with links: Home, Statistics, Dashboard, My Account, Help, Sign up, and Sign in. The 'Sign up' link is highlighted with a red box, and a red arrow points down to a 'Sign up' form. The form contains fields for Username, Password, Password confirmation, and Email. Below these fields is a CAPTCHA area with the text 'Unsuitable CALLE' and a 'Type the text' input field. At the bottom of the form is a 'Sign up' button. The date and time '2017-09-16 21:48:50 UTC' are displayed in the top right corner.

100-BTC	80.2 GH	182	0.04%	0.00000000	0.628%	---
ETH	1.2 TH	2057	0.40%	0.00000000	2.8%	100.0%
ETC	84.4 GH	359	0.22%	0.00014442	117.47	88.0%
DOGE	15.3 TH	372	0.2%	0.04789000	5.9 M	---
SHIB	95.6 GH	66	0.1%	0.00000000	1.3 M	30.0%
DASH	177.9 GH	51	4.17%	0.00000000	1.8 M	---
LTC	299.8 TH	66	0.27%	0.00000000	11.9	118.0%
XRP	75.5 GH	24	0.28%	0.00011158	129.6	118.0%
EOS	1.3 PH	19	2.18%	0.00000000	1.2 G	114.6%

(fig 1)

Insert Username, Password and Email, then click the gray "Sign up"-button at the bottom.

You will see this confirmation message popping up above the Sign up window:



(fig 2)

Go to your email and click the link (just like the green friendly message instructs). It will look something like this:

Hi th0m,

This email is to activate your account at Coinotron.com

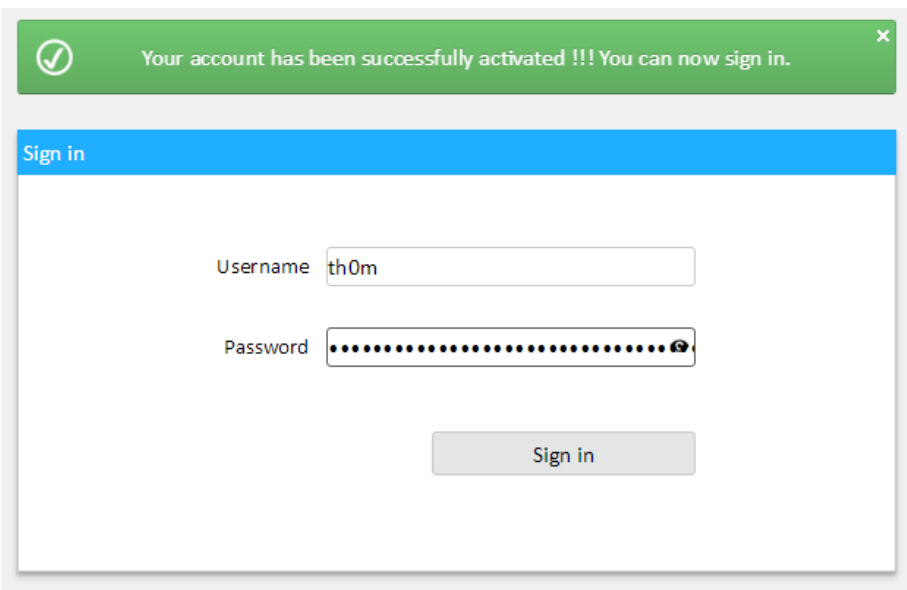
If you requested this action please follow this link: <https://coinotron.com/app?action=activate&code=FF10404A5BA447E6B88E338764F>

If you didn't request this action, contact Coinotron (coinotron@gmail.com) letting our support staff know about the incident

Sincerely,
The Coinotron team

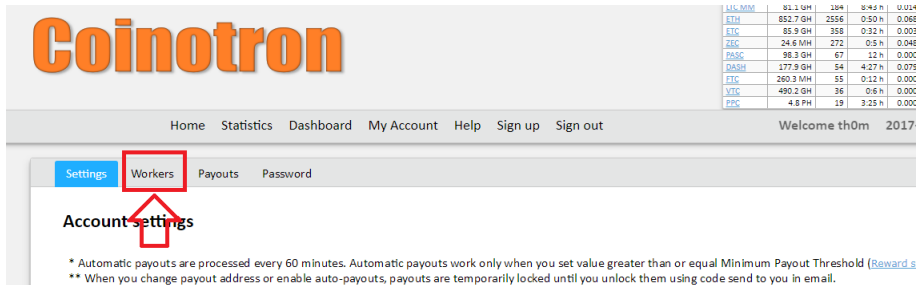
(fig 3)

Clicking the link in the mail will get you to this screen:



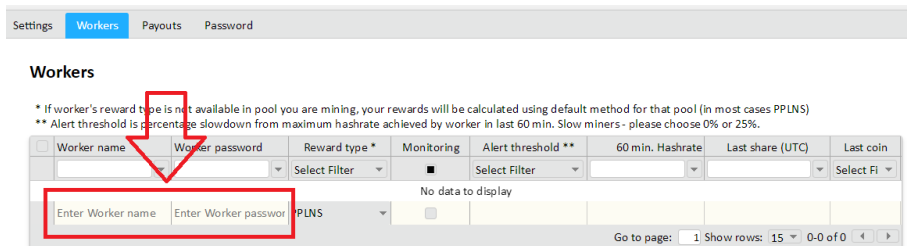
(fig 4)

Now simply sign in with your new account. Once logged in, click on "Workers":



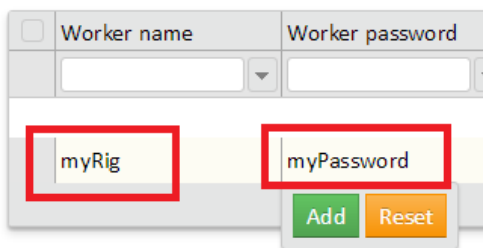
(fig 5)

Create a worker by putting in the name and password in the highlighted area for your mining rig:



(fig 6)

Like so:



(fig 7)

As for the name of the worker is entirely up to you, feel free to name it whatever you'd like. Once you've chosen a name and password, click the green "Add"-button. If you for some reason can't see the green "Add"-button, simply click in one of the fields and press Enter on your keyboard.

Alternatively, if you wish to mine both ETH and PASC at Coinotron, you can create two workers, one named Eth and one Pasc. These are only suggestions on naming as you get to choose your own names on the workers, pick what works for you. Both can be set to PPLNS, but ETH can also be set to RBPPS if you prefer.

Make sure the "Reward type" is set to PPLNS on the worker you intend to use for PASC though. Generally speaking, over time, PPLNS gives a higher reward over time compared to PPS (which is what Nanopool uses). Google "PPLNS vs PPS" if you want to get more in-depth.

You can add or disable monitoring in the "Workers"-tab on Coinotron, as well as customize when it reports. If you have multiple mining rigs you can filter based on the last 60-minutes hashrates as well as last share. These are some of the things Coinotron offers that Nanopool doesn't.

One last thing before we're done; setting up the account you want your rewards to be sent to. Click on "Settings":

Coin	Unlock code	Payout address	Auto payouts	Payout threshold	Estimated Hashrate
LTC			<input type="checkbox"/>	0.1	0.0 H
DOGE			<input type="checkbox"/>	1000	0.0 H
VIA			<input type="checkbox"/>	4	0.0 H
ETH			<input type="checkbox"/>	0.1	0.0 H
ETC			<input type="checkbox"/>	1	0.0 H
ZEC			<input type="checkbox"/>	0.01	0.0 H
PASC			<input checked="" type="checkbox"/>	1	0.0 H

(fig 8)

- 1) Double click the PASC row under the "Payout address" column.
- 2) Enter your account. For payments to Poloniex, it's "86646-64.payload".
- 3) If you want auto payouts, check the "Auto payouts" checkbox.
- 4) And in the "Payout threshold", enter the minimum amount to be paid out.

Commented [1]: If you are mining to an exchange you need write ACCOUNT.PAYLOAD (We recommend mining to the Pascal Wallet)

Step 3) Setting up Claymore

This is the easy, yet complex part. There are a lot of variables, but if you just focus on the core it's surprisingly straight forward.

3.1) Short version:

- a) ETH options:
 - a. Set (or keep) -epool and -ewal at your favored pool
 - b. Create a worker for ETH at coinotron and point the miner there
- b) PASC options:
 - a. Add "-dcoin pasc -dpool coinotron.com:3348 -dwal username.workername" in your start.bat, replacing the placeholders as needed.

3.2) Long, very thorough version:

When setting up Claymore for dual mining PASC you have several options:

- a) Do you want to dual mine both ETH+PASC at Coinotron?
- b) Do you prefer to mine ETH elsewhere?

I think the easiest way to go through these use cases is to simply provide sample *.bat-files and explaining the settings. As we're dealing with text now, no pictures beyond this point.

3.2.1) You wish to mine both ETH and PASC at Coinotron:

Here's a sample from Coinotrons Help-section (link at the end of PDF):

```
EthDcrMiner64.exe -epool coinotron.com:3344 -ewal username.workername -esm 2 -eps w x -dcoin pasc -dpool coinotron.com:3348 -dwal username.workername -dps wx -allpools 1
```

Explanation of the important ones:

(please consult the Readme in the Claymore folder for more in-depth explanation)

-epool	The address to the ETH-pool
-ewal	This is where you want the rewards to go for your mining. In our case, we want the rewards to go to our account, using one of our workers.
-dcoin	For Dual mode, which coin do you want to mine? Check the Readme in the claymore folder for more information. In this case, we want "pasc".
-dpool	Same as -epool, but for the second coin. The numbers after the colon is the port. ETH has one port at Coinotron (3344), PASC has another (3348).
-dwal	Same as -ewal, but for our PASC worker. Username = your Coinotron username, workername = the name of your worker from step 2.2) of this guide. In the example from the pictures, this would be "myRig".

Regarding the -ewal and -dwal, username.workername means your Coinotron username (In my case "th0m", as seen above), and my workername in this guide would be "myRig" (as shown by the pictures). If I want to mine ETH on Coinotron I'd just create a worker with a name I can relate to, so I'll name it "Eth", and I'll put it as PPLNS. This means my start.bat-file would look like this:

```
EthDcrMiner64.exe -epool coinotron.com:3344-ewal th0m.Eth -dcoin pasc -dpool  
coinotron.com:3348 -dwal th0m.myRig
```

And that's it!

3.2.2) You wish to switch PASC dual mining to Coinotron: (also; you wish to start dual mining PASC):

Assuming you're mining ETH at nanopool, your bat file might look like this:

```
EthDcrMiner64.exe -epool eth-eu1.nanopool.org:9999-ewal  
YOUR_ETH_ADDRESS.YOUR_WORKER_NAME/YOUR_EMAIL
```

I know supernova and other pools are popular, and your bat-file will look pretty similar if you're mining over there instead.

Simply add the -dcoin, -dpool and -dwal at the end of that line:

```
-dcoin pasc -dpool coinotron.com:3348 -dwal username.workername
```

4) Closing notes and additional tips

Make sure the start.bat file is in the same folder as the EthDcrMiner64.exe. You can if you want create more bat-files by either ctrl+c and ctrl+v the file or ctrl+dragging the file. This is great if you want different settings when you start adding those commands (see the Readme in the Claymore folder for a detailed explanation of all the commands and what they do).

Creating shortcuts to the start.bat file works as well, if you want to have access to them easily like on the Desktop or elsewhere. On Windows, if you locate the Startup folder you can create a shortcut there to the start.bat and it'll start mining automatically when you turn on your computer.

A small note on payouts directly to Poloniex, we recommend skipping any third party and send your PASC straight to your wallet. If you for chose to send them straight to Poloniex regardless, don't forget that you MUST include your payload, which you can find on your Poloniex Balances page. The reason they use a payload is because they only have one PASA (Pascal Account) that every user on Poloniex shares, and they use the payload internally to differentiate between the users. Without the payload, they have no way of knowing who's PASC you just deposited.

If you want to get a PASA of your own, go to pascalcoin.org to find out the different ways of getting one.

A short note about me

I mined Litecoin a while back, until early 2014. It was during the Bitcoin and Eth boom during the summer of 2017 I got reminded that I still had my Litecoin on a pool somewhere. A long story about frantically searching for my laptop cut short, my Litecoin was still there waiting for me at Coinotron, and it was super easy getting them out.

If you want to use a pool that has proven it holds your coins for you for *years*, who reliably payouts and who can help grow PASC, this pool is definitely one I recommend to you. I, like many others who believe in the future of this coin, use this pool not only for the added benefit of a control panel, but also because spreading the hashrate over multiple pools is in the best interest of the coin.

If you have questions you can find me on the self-invite PASC slack.

I'm th0m.

LINKS:

PASC website <http://www.pascalcoin.org/>
Claymore <https://bitcointalk.org/index.php?topic=1433925.0>
Coinotron <https://www.coinotron.com>
Coinotron Help Page <https://www.coinotron.com/app?action=help>