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# Mining and how to profit only on cryptomining



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**Who ever mine  
crypto?**

**or**

**Who knows  
someone, who  
has mine  
crypto?**



# ASIC vs. GPU

## CryptoMiners



„Bitcoin is a gambling token and has no intrinsic value.“

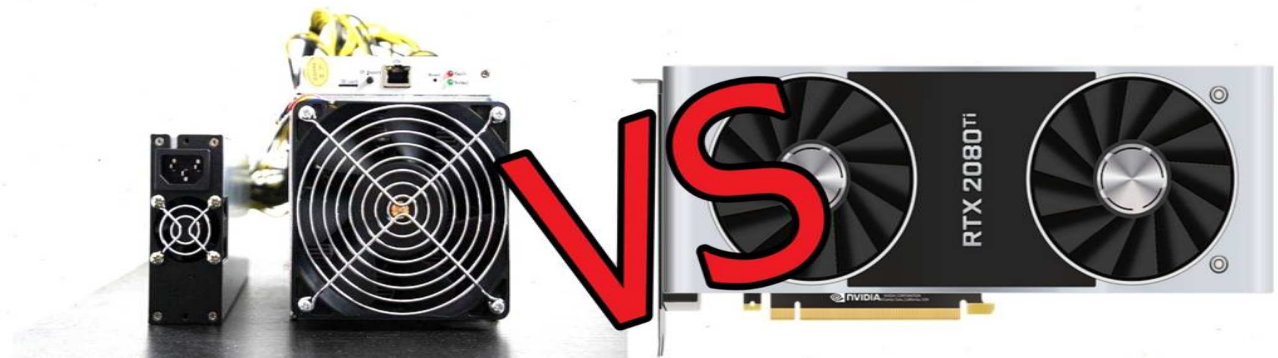
*Warren Buffett:*

### ASIC miners

- It only mines one currency - the one the ASIC is designed for - zero flexibility.
- Higher performance per unit than GPU.
- Higher acquisition costs per unit

### GPU miners

- Currency switchability in minutes - Flexibility of mined currency.
- Lower performance per unit.
- Lower acquisition costs.



## Why people burn electricity - what is cryptomining?

It is the process of verifying transactions in the cryptocurrency network. Just like a bank confirms transactions in the banking network. The so-called third party validation.

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Miners form the verification authorities on the network and their GPUs/ASICs sign the transactions given on the network. An alternative to ProofOfState (PoS) signing.

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Miners also use the subsequent signing rewards in the network. The size of the network consists of both users = wallets and miners and their GPUs/ASICs.



# How I got there?

2016

Built the first two-card rig, which was subsequently enlarged to the then standard 6-card - GPUs

2018

Several rigs already in operation  
Office heating - use of residual heat

2020

Building an air-conditioned farm with a 60kW power supply - approx. 300 GPUs. A farm with cooling via air conditioning.

2021

Farm already 3x 60kW - approx. 1000 GPUs. Subsequent expansion to 7x 60kW. Use of ventilation and strong air flow not AC.



# Mining numbers today

- 2500 GPUs = 57,8 Ghs v ETH (Ethereum)
- 240kW power supply
- value of farms 35-40 million CZK
- fixed electricity until 12/23 below 3 CZK
- 2 people part-time in card management
- during mining ETH we mine 42 ETH/month = 2 million CZK
- the main issue is how to use the residual heat

## Investors?

- Investment ratio 50:50 - client vs. I
- 10% profit per year
- 4 rounds of investment

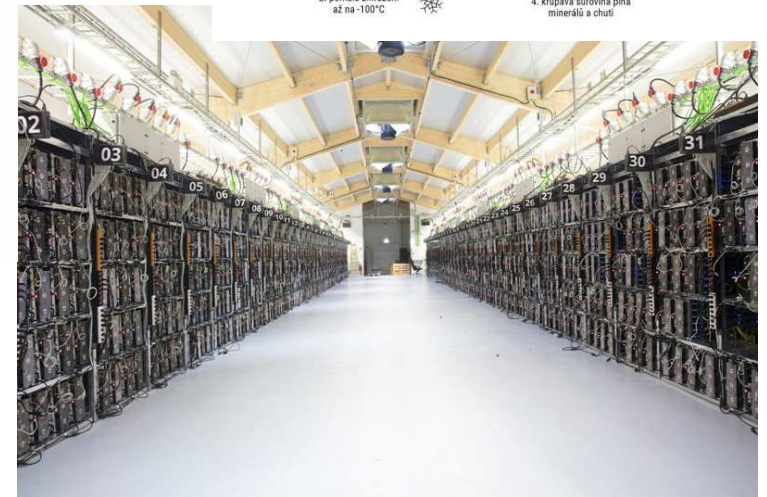


# Utilization of residual heat

Mining the crypt entails a large production of residual heat - one RIG (6 cards) is a defacto 600-700W direct heater - the same as you have for heating at home.



- Church - monasteries/churches - monuments
- Space heating / space drying
- Freeze drying of fruit/food = Lyofilization
- Fruit/cereal drying
- Domestic water heating / heat for a heat pump







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What we mine now?



## It's not just about BTC and ETH

Within current currency values, we mine on GPU:

- **Kaspa** (referred to as Next ETH)
- **Nexa** (the price is profitable)
- eventual RVN, ERGO, FLUX (today not profitable)
- more info on <https://whattomine.com/>
- **within ASICs, there is still time for BTC, LTC, or Monero**



- ETH as the most profitable currency has switched to PoS.
- The world is rejoicing - we got rid of power consumption the size of about 2 Temelíns (our biggest Nuclear plant) .
- As a result, profits from ETH mining fell to ZERO.
- Searching for a solution to get out of this situation >>>

# From Arbitrage Bot to Algo trading bot

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When the mining of the main mining  
currency ETH ended, there was  
defacto not much to do.

I was testing and looking for a new  
solution to work with mined coins.

And I was looking for something that  
meets these points:

**Point  
01**

It is transparent, as cryptocurrencies  
are

**Point  
02**

What is common with bonds does not  
happen - that the client sends the  
money to a "black box" and it is used  
in an unknown way.

**Point  
03**

It brings an interesting yield at the  
level of around 2% per month



Arbitrage bot connected to 7 world exchanges. Profit around 1-1.3% per month.

A large amount of money needed to make a reasonable profit.



However, the problem arose as soon as the exchanges started to connect via APIs and defacto arbitrages were displaced and put at risk.



# Arbitrage bot

# Algotrading Scalping bot

- the money stays with the client - it is not sent anywhere - but you still have it under your supervision in your wallet
- \$5-20 trades/trade = scalping strategy
- robot performance is from 5-15% per client/month = 2-4% net for client/month
- average 50-120/ transactions per day
- 87.2-93.7% success rate of trades within the month (24 M)
- everything runs on a Binance Futures account, where the client will upload USDT (OKX and Kraken in the future)
- billing on a PnL basis in the Binance account on the 1st day of the month for the previous month
- initial capital 10k USD = 220 thousand CZK
- money loss - 30% of capital



## Why algotrading bot?

- you don't hold crypto but only trade it, we hold USDT = 1:1 USD
- 2-4% profit per month not year
- 150+ million CZK under management
- we also deal with trading on SPOT, or the new exchanges OKX, Kraken

# How does it work?

## Step 1

The client creates their account on Binance.  
If he already has an account, even better.

## Step 2

We will check security - the necessity of 2FA.  
We will remove affiliate / referral codes that would increase trading fees

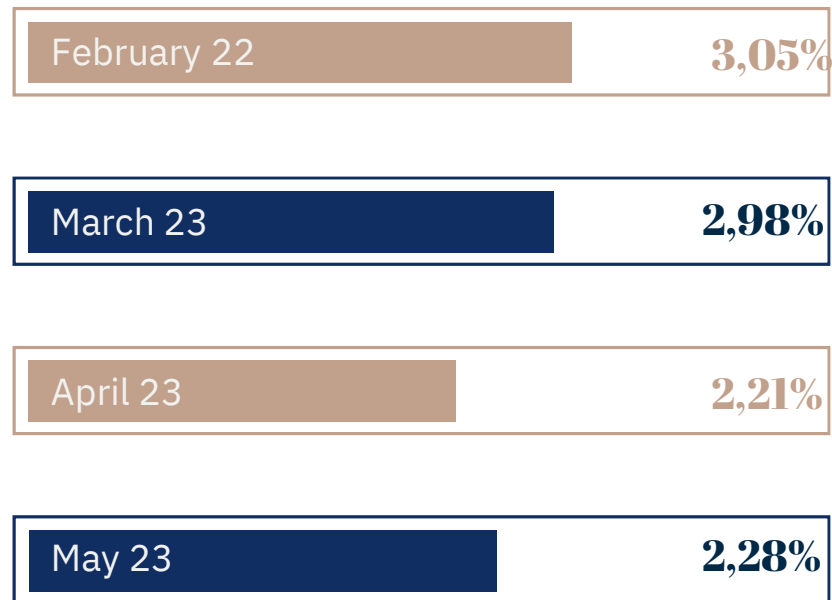
## Step 3

We will connect an API to the client - one purely for reading and the other for trading.

## Step 4

We trade on a client account based on copytrading, scalping principle.  
And then we bill after the end of the month.

# Last months results



In the long term (24 months), the bot works with a performance of 2-4% per month.



We are primarily concerned with transparent cooperation with the client, where the client sees trades/profits/possible losses - and the shared profit is created directly in the client's wallet.

# Thank you for your attention

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# Your questions

