

# **BITCOIN ADDITIONAL White Paper**

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# 1. Introduction

## What is BITCOIN ADDITIONAL (BTCa)?

In 2009, bitcoin, the most reputable cryptocurrency, appeared. Since then, digital coins have become a popular way to pay for goods and services. In 2020, investing in bitcoin was recognized as the most profitable investment.

BITCOIN ADDITIONAL (ticker BTCa) is a decentralized, open-source cryptocurrency blockchain project. It operates on the Proof-of-Stake (PoS) consensus algorithm; everyone who participates in the development of the network is rewarded.

The coin was released 02.02.2022.

BITCOIN ADDITIONAL (BTCa) a bitcoin fork

A fork is a branching that results in the formation of 2 coins. In our case Bitcoin and BTCa.

Bitcoin Additional is released in the same amount as bitcoin, 21 million coins, and will always be equal to its value.

By switching from the Proof-of-Work (PoW) algorithm, on which Bitcoin runs, to the Proof-of-Stake (PoS) algorithm, our coin solves issues within bitcoin's including: low transaction speeds, reliance on mining equipment, high energy consumption, and costly fees.

The BTCa coin allows for environmentally friendly bitcoin mining, stacking, and holding masternodes.

# 2. Basic Concepts

## Blockchain

Blockchain is a way of storing information on multiple computers that are connected to each other through the Internet. Records of financial transactions are encoded and distributed among network participants forming blocks linked together in an unbreakable chain.

This technology protects cryptocurrency from hackers, fraudsters, employee errors and system failures. For instance, if a user wants to overwrite a transaction or create a new one without the consent of the other participants, the system will compare the information with other databases and block the transaction.

## Proof-of-Stake (PoS) Consensus Algorithm

In order for each user to have up-to-date, complete, and reliable information, there is a foundational notion of consensus. If one participant's computer fails, the blockchain will continue to work utilizing the other computers on the network. It is the consensus that will allow the data to be recovered.

Because BITCOIN ADDITIONAL operates on the Proof-of-Stake (PoS) consensus algorithm or "proof of ownership", it does not require the purchase and maintenance of a huge amount of computing power. You can start mining in just two clicks. PoS offers stable passive income without unnecessary risks and complexities of self-mining.

The largest crypto projects are switching to the Proof-of-Stake consensus algorithm, and experts and blockchain fans call it the future of cryptocurrency.

## Benefits of PoS

The advantage of the PoS algorithm is energy efficiency. Some countries



prohibit cryptocurrency mining due to high electricity consumption and detrimental environmental consequences. BITCOIN ADDITIONAL mining is environmentally friendly because it does not require maintenance of servers and other hardware.

### **3. The main thing about BTCa**

#### **The idea behind BITCOIN ADDITIONAL (BTCa)**

The goal of BITCOIN ADDITIONAL is to create a cryptocurrency community where everyone will have a stable passive income from sustainable bitcoin mining.

BITCOIN ADDITIONAL will make bitcoin, bitcoin mining, and cryptocurrency payments between people accessible to everyone.

It takes incomparably less energy to earn rewards in the BTCa network than it does to earn equal rewards in the Bitcoin network. Thus, the BTCa project is:

- the most environmentally friendly way to mine bitcoin
- a way to mine bitcoin without investing in expensive equipment
- a means of mining bitcoin that is accessible to everyone

#### **Advantages of BITCOIN ADDITIONAL**

BITCOIN ADDITIONAL has a European license, which gives the right to provide virtual currency services and other financial services within the legal framework defined by the financial institutions of the European Union. The key employees of the company have been thoroughly checked in order to obtain the license: from the submission of documents confirming professional skills to proof of experience in the field of finance, the highest standards have been met by our team.

The company has also been vetted and approved by the Anti-Money Laundering Bureau (Rahapesu andmebüroo - RAB, Tallinn).

Hence, BITCOIN ADDITIONAL has the official permission of the European regulators to operate in the field of cryptocurrencies. All this is a guarantee for investors of the absence of scam risks.

Mining requires expensive equipment, connection to data centers and cooling systems. Over time, mining cryptocurrency has become more difficult. Ten years ago, a computer was enough - now mining cryptocurrency on a PC proves to be extremely expensive.

BITCOIN ADDITIONAL with the Proof-of-Stake algorithm allows you to mine coins thanks to stacking. Stackers perform a similar role to miners in the bitcoin network, but to mine the cryptocurrency you just need to send your BTCa coins to stacking.

Transactions in the BITCOIN ADDITIONAL network take no longer than a minute, while bitcoin processing speeds up to an hour.

Shake-to-Pay feature in our mobile app

To send money to another person you need to know their card, bank account or phone number. To send cryptocurrency - recipient's wallet address.

With Shake-to-Pay function transfers became easier: you need to enter the amount and at the same time shake your phone - money will come to the recipient instantly. You can also transfer coins in mobile wallet by wallet address and QR code.

BITCOIN ADDITIONAL economic model



- Maximum coin issue - 21 million BTCa;
- Premayne - 1 million BTCa. For this premayne it is planned to open 1000 instant masternodes.
- Masternode pledge - 1000 BTCa;
- Blocks per day - 720;
- Award for block - 0,5 BTCa.

Reward for validation between stacks and masters is distributed in ratio: 99% for masters, 1% for stacks, i.e. 0.495 BTCa for masters and 0.005 for stacks. How to get BTCa Coin You can buy, sell and invest BTCa on our exchange [https:// quan2um.com](https://quan2um.com) BITCOIN ADDITIONAL Coin can be bought on the exchange or received from other network members to your mobile, desktop or web wallet. Rewards for block validation are stackers and masternodes. Every 60 seconds 0,5 BTCa coin is generated, which is divided in ratio of 1:99

- 0.005 BTCa reward to a stecher;
- 0.495 BTCa to the stacker.

BTCa coin can be used as an investment tool or a means of payment. About our cryptocurrency exchange Quan2um The Quan2um exchange is a licensed European cryptocurrency exchange, which meets European standards. All major cryptocurrency projects are listed on the exchange, investors can profitably buy and sell coins, instantly withdraw funds and follow the rate of cryptocurrencies.

#### **4. Stacking.**

What is Stacking Stacking is passive income by storing cryptocurrency in a special wallet or account. The more users store coins in the blockchain, the better and more secure it works. Users secure the network and get rewarded for it. Stacking is only possible on the Proof-Of-Stake algorithm.

A cryptocurrency holder does not need to have the technical skills to install and run mining equipment - this makes stacking accessible to everyone. Conditions for BTCa coin stacking One BTCa coin must be purchased. Stacker's reward distribution is 1%.

#### **5. Masternodes.**

##### **What are masternodes**

A masternode is a node or a wallet with extended functionality. Its main function is to verify and confirm transactions. A masternode keeps a copy of the blockchain. All data from the blockchain is regularly updated in the masternode as it connects to the network. In addition to storing a complete copy of the blockchain, the masternode can act as a miner. The masternode does not create new blocks, but it performs important functions:

- increases the confidentiality of transactions;



- Increases the speed of transactions;
- guarantees the anonymity of transactions;
- checks and confirms transactions and the addition of new blocks.

A masternode plays a role in guaranteeing the stability of the entire network. Masternodes keep a full copy of the BITCOIN ADDITIONAL blockchain and constantly update it as the blockchain grows, or limit themselves to a partial copy in order to save space.

If a large number of simple nodes are attacked or disconnected, the BITCOIN ADDITIONAL blockchain can be restored without loss due to copies stored on masternodes. In addition, masternodes provide instant payments, decentralized network management and transaction privacy.

Prerequisites for running masternodes.

Setting up and maintaining masternodes is difficult and requires technical expertise and a dedicated virtual server - a masternode must run 24/7 without interruption. You need a dedicated IP address, a desktop wallet, a thousand coins per node, and a 24/7 VPS to run a masternode.

The blockchain distributes the rewards to the masternodes on a first-come, first-served basis.

Join Bitcoin Additional and start earning cryptocurrency today using our ecosystem.

Benefits of masternodes

The benefits of holding masternodes from BTCa are:

- the masternode holder has a say in decisions across the entire cryptocurrency network;
- You don't need expensive equipment to make money;
- Passive earnings by keeping coins in your account.

What are Instant masternodes Instant masternodes are the same as masternodes, but you can invest in them from 0,001 BTCa.

For the safety of the network we create thousand of instant masters, you can invest in them.

Instant Masternodes are the same participants in block validation in the network.

We open them by ourselves and let users get reward from stacking, proportional to invested BTCa coins.

Investment conditions for Instant Masternodes To invest in Instant Masternodes you'll need a minimum of 0.001 BTCa coins.

ROI (Return on Investment) of each master note depends on total number of master notes in your network.

## 6. Roadmap

**What's already done**

We have developed a mobile app for iOS and Android. In it you can send and receive coins:

- by wallet address;



- Through QR-code;

### **With Shake-to-Pay function.**

Developed a desktop wallet for Windows, Linux and macOS. It will help:

- receive and send coins to a wallet address using a QR code;
- Send coins to stacking;
- Create your own MasterNodes.

Developed WEB-wallet for receiving and sending coins to the purse address.  
Coin fork - 02.02.2022:

- Listing on the Quan2um exchange;
- A mining pool was also created there.

In the third or fourth quarter of 2022 we plan to release a card for payment of goods and services.

### **Future plans**

- In 2024 to stop selling BTCa, the remaining - to redistribute for the opening of masterbooks. This will lead to a shortage of coins in the market and create a price increase;
- Integrate BTCa into payment systems, online stores;
- Launch own P2P-system. Its participants will equally use the resources of the network, collaborate and perform specific tasks;
- Launch their own card for purchases and international transfers;
- Launch a charitable foundation;
- Launch a marketplace with payment acceptance in Bitcoin Additional.

With the help of the gateway, any merchant will be able to start securely accepting BITCOIN ADDITIONAL payments on their website. The seller will not have to understand the mechanisms of cryptocurrencies.

BITCOIN ADDITIONAL project will perform all stages of the process:

- invoicing;
- payment tracking;
- crediting funds to the merchant's account on the BITCOIN ADDITIONAL platform;
- storing the proceeds in a cold wallet;
- withdrawal of accumulated proceeds to the merchant's blockchain wallet;
- automatic exchange of revenue in BITCOIN ADDITIONAL for dollars and withdrawal to the merchant's bank account. The gateway will be available in two formats:
- plugins for popular content management systems (CMS) and e-commerce systems such as WordPress, Joomla, WooCommerce;
- APIs for integration with any product.



In 2023, the platform will have its own marketplace, where you can buy goods and digital services for BITCOIN ADDITIONAL coins, as well as for other cryptocurrencies and ordinary money.

### **Investors**

In the second quarter of 2024, we will launch our own investment platform based on the Quan2um cryptocurrency exchange. There you will be able to finance selected startups with great potential.

Projects that want to get funding will apply and undergo a comprehensive evaluation. After approval, the projects will be supported by analysts, marketers and mentors from the investment site team.

Email if you would like to know more: [ceo@quan2um.com](mailto:ceo@quan2um.com)

## **7. Conclusion**

The first money appeared in the seventh century BC - people used stones, shells and valuable products as means of payment. Since then the financial system developed systematically and came to a well-known solution - fiat money, symbolic papers, which are not secured by anything and are issued by state banks. The next step in development is cryptocurrency, digital money without state control. It is used by everyone from students to Ilon Musk, and the Russian Finance Minister said that to ban cryptocurrency is "the same as to ban the Internet. Digital currencies can rid people's savings of inflation and the political environment. Decentralization makes cryptocurrency a safe way to keep savings, and the rise in the value of coins makes it a profitable investment for investors. Thanks to the BITCOIN ADDITIONAL coin, more people will be involved in mining, and buying for cryptocurrency will become as normal as paying with fiat money.

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