



## What is Bitoreum?

Bitoreum is a decentralized financial technology accessible to everyone that is fast, reliable and secure with negligible transaction costs. Bitoreum has its own blockchain, which is a fork of Raptoreum codebase with ASIC resistant POW algorithm and consensus ensuring Smartnodes which make the network immune to 51% attacks. Bitoreum coins can be mined on both CPU and GPU. Bitoreum cares about privacy and has an integrated CoinJoin mechanism that allows to hide the balance directly in the wallet.

## Problems Bitoreum attempts to solve

Bitoreum is a transparent and scalable financial system that aims to make cryptocurrencies accessible to everyone. There are four main directions in which we want to contribute.

1. Make managing BTRM easy for everyone by deploying mobile wallets for the major mobile OS, such as Android and IOS.
2. Promote the adoption of cryptocurrencies by offering a payment gateway service. The service will provide a free plugin for small businesses to facilitate online transactions in cryptocurrency. Customers will be able to pay for goods and services in BTRM, while an entrepreneur will receive fiat money to his/her credit card.
3. We think that all cryptocurrencies deserve to have access to the investors and to be tradable at an exchange. To achieve this goal we want to remove entry barriers in the form of high exchange listing fees and to offer everyone Bitoreum Exchange with its own blockchain, where all coins interested in listing can be traded against Bitoreum.
4. We believe that everyone should be able to get a part of the financial pie with high returns that is usually accessible only to rich investors. That is why everyone can earn coins with modest initial investment by deploying Smartnodes and contributing to the blockchain stability and security.

The roadmap to our goals can be found at our official webpage <https://bitoreum.org/>.

**Miners Reward**  
**75% of a block**

Bitoreum Miners are being rewarded with 3750 Bitoreum coins on each block they find and mine on the network.

**Smartnodes**  
**20% of a block**

The current Smartnodes revenue per block is 1000 Bitoreum. The payment is being done through round table process, if the network finds your node available.

**Dev Reward**  
**5% of a block**

250 Bitoreum coins of each block will be forwarded to the development team in order to maintain the security of the network.

**Yearly on the smartnodes**  
**APY >100%**

In order to activate the smartnode you need to hold 600,000 BTRM coins in your wallet and follow the instructions on the Doc page. Alternatively you can use shared smartnodes services and start to earn even with 10,000 coins

## Tokenomics and mining

In contrast to many other crypto coins Bitoreum does not have premined coins nor is there an ICO. All developer's revenues stem from 5% dev's fee and thus it is in the developer's interest to grow and maintain the project as long as possible. The total supply of the coin is 21,000,000,000 BTRM.

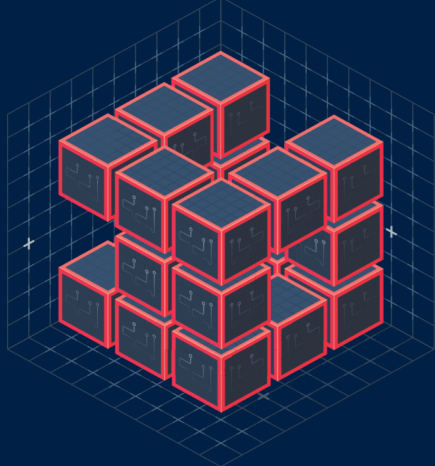
Bitoreum is a POW (Proof of Work) coin that can be mined with CPU or GPU using the Ghost Rider algorithm. Bitoreum is ASICs resistant which are known to consume a lot of energy. Every two minutes a new block is minted. Each block has a reward of 5000 BTRM coins that is distributed in the following way:

- 3750 go to miners
- 1000 go to Smartnodes owners
- 250 go to developers fund

To start mining one needs to choose a pool at <https://miningpoolstats.stream/bitoreum> and to follow instructions on the pool to setup a miner.

## Wallet

The Bitoreum desktop wallet is available for all major operating systems including MacOS, Windows, Linux, Raspberry Pi OS and Ampere. Once downloaded the wallet can be encrypted and a password will be required to decrypt it. It is highly recommended to backup immediately the password and "wallet.dat" file onto two separate flash drives.



Bitoreum Blockchain Enhanced

## The best mining and staking blockchain solution

Mine Bitoreum on CPU using ghostrider algorithm:

- Reward of 5000 BTRM per block
- 120 second block time
- POW + POS for better security
- No Premine

Deploy smartnodes for >100% of APY returns!

## Smartnodes

Smartnodes in the Bitoreum network host full copies of the blockchain data and provide a unique second layer of services to the network, facilitating advanced functions such as InstantSend.

Another important role of the SmartNodes is to contribute to the security and decentralization of the blockchain. SmartNode's ChainLock feature reduces uncertainty when receiving funds and removes the possibility of 51% mining attacks. For each block several smartnodes are selected and each of them signs the first block that it sees. If enough members see the same block as the first block, they will be able to propagate it to all nodes in the network.

### Hardware requirements for Smartnodes

Smartnodes don't require special equipment and can be enabled and accessed directly from the wallet. Minimal requirements for the machine to run a Smartnode:

- 1-2 core CPU
- 2Gb of RAM
- 20Gb of SSD
- fast connection, static ip

### Collateral requirements for Smartnodes

To setup a Smartnode user should provide collateral in the amount that depends on the current block height (see table below). The whole amount should be sent to a chosen wallet in one

transaction. One of the important advantages of staking with Smartnodes is that collateral is not locked and can be recovered immediately by dismantling a Smartnode at any time.

Block number	Deposit
0 > 88720	600,000 BTRM
88721 > 132720	800,000 BTRM
132721 > 176720	1,000,000 BTRM
176721 > 220720	1,250,000 BTRM
220721 > 264720	1,500,000 BTRM
264721 > forever	1,800,000 BTRM

The Bitoreum wallet provides a simple and easy debug console to setup a Smartnode. Instructions on how to create your own Smartnode are available on our official website <https://bitoreum.org/documentation/>. The Bitoreum team can also help users to setup their Smartnodes, please visit Bitoreum's Discord server for more information.

### Smartnode rewards

The exact ROI depends on the number of Smartnodes present in the network and collateral amount required to setup a Smartnode.

The following table provides an estimation of average ROI assuming that at each period half of coins are locked in Smartnodes. Since, at the beginning of the period there are much less coins than at the end, actual average ROI should be higher.

Block number	APY
0 > 88720	226%
88721 > 132720	120%
132721 > 176720	81%
176721 > 220720	60%
220721 > 264720	48%

# Contacts

Website: [www.bitoreum.org](http://www.bitoreum.org)

Discord: <https://discord.gg/EEh4EWAR>

Twitter: <https://twitter.com/bitoreum>

Github: <https://github.com/bitoreum/bitoreum>

Other Platforms:

Facebook: <https://www.facebook.com/Bitoreum-102714142461257>

Telegram: [https://t.me/bitoreum\\_chat](https://t.me/bitoreum_chat)

Reddit: <https://www.reddit.com/r/Bitoreum>

# Useful links

Bitoreum explorer: <https://explorer.bitoreum.org/>

Bitoreum pools: <https://miningpoolstats.stream/bitoreum>

Exbitron exchange: <https://www.exbitron.com/trading/btrmusdt>

Coin aggregator: <https://coinpaprika.com/coin/btrm-bitoreum/>

Coin aggregator: <https://icoholder.com/en/bitoreum-network-1022490>

Coin aggregator: <https://coinpare.io/coin/btrm-bitoreum>