

GXCOIN BLOCKCHAIN

Real Path To Your Digital Assets



WELCOME

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Version: v 1.0.1



INTRODUCING

WHITEPAPER



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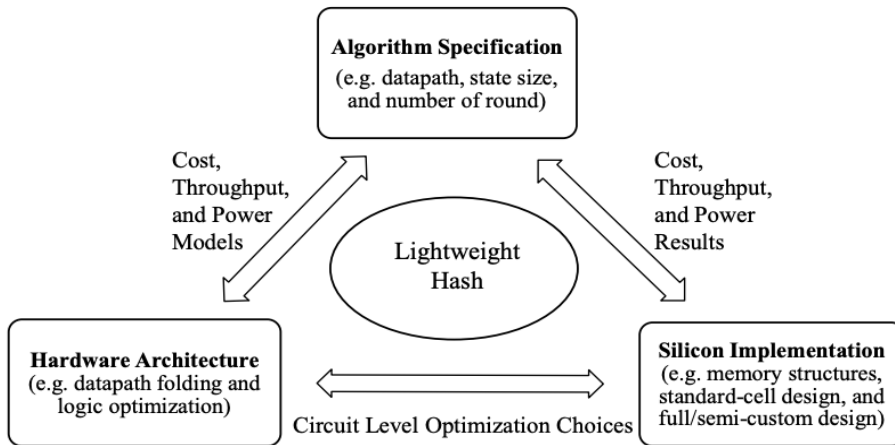




THE GXCOIN BLOCKCHAIN FRAMEWORK

Introduction

GXCOIN (GLX) is a unique cryptocurrency exclusively designed for the GlobalX Community Members. Backed by real-world assets and USDT, GXCOIN is a secure and stable digital currency built on the X11 algorithm. With a total supply of 108,000,000 GLX, GXCOIN aims to provide a robust financial ecosystem for its users, integrating both the stability of traditional assets and the innovation of blockchain technology.



GXCOIN's Unique Architecture

GXCOIN has been designed with a focus on security, decentralization, and usability. The coin's architecture allows for both Proof-of-Work (PoW) and Masternode functionalities, ensuring a balanced distribution of rewards and maintaining network stability.





TECHNOLOGY OVERVIEW

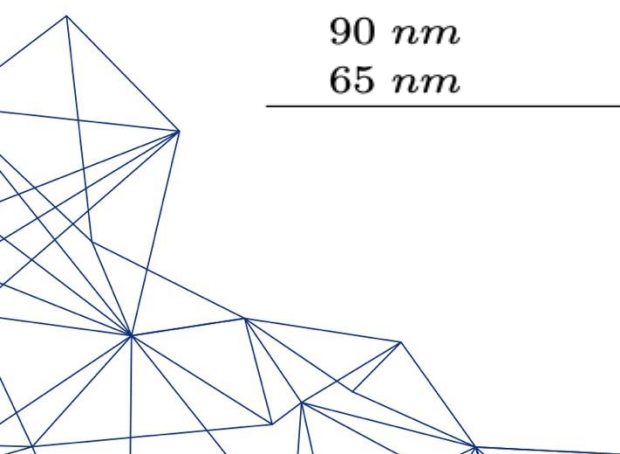
X11 Algorithm

The X11 algorithm is a hashing algorithm that utilizes a sequence of eleven different cryptographic hashes to provide a high level of security. This algorithm was first introduced by Dash and is known for its energy-efficient mining process and resistance to ASIC mining, making it accessible for a broader range of miners.

Key Features of X11:

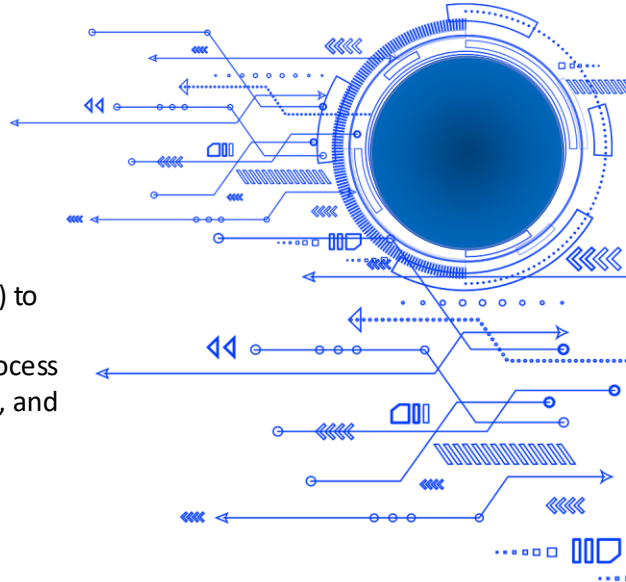
- Security:** X11 combines eleven cryptographic algorithms (Blake, BMW, Groestl, JH, Keccak, Skein, Luffa, Cubehash, SHAvite, SIMD, and Echo), creating a robust defense against various types of attacks.
- Energy Efficiency:** Compared to other algorithms like SHA-256, X11 is designed to be more energy-efficient, reducing the power consumption required for mining.
- ASIC Resistance:** While some ASICs have been developed for X11, the algorithm's complexity initially made it more resistant to such hardware, promoting a more decentralized mining environment.

Technology Node	Gate Density [$kGEs/mm^2$]	Power [$nW/MHz/GE$]
180 nm	125	15.00
130 nm	206	10.00
90 nm	403	7.00
65 nm	800	5.68



POW / GXCOIN - Proof-of-Work

GXcoin utilizes the Proof-of-Work (PoW) consensus mechanism, a tried-and-tested method for securing blockchain networks. PoW requires participants (miners) to solve complex mathematical puzzles, thereby validating transactions and adding them to the blockchain. This process ensures that the network remains decentralized, secure, and tamper-resistant.



How PoW Works for GXcoin:

Transaction Initiation:

- I. When a user initiates a transaction, it is broadcasted to the network. This transaction contains essential details such as the sender's and receiver's wallet addresses, the amount of GXcoins being transferred, and a digital signature that verifies the authenticity of the transaction.

Transaction Pool (Mempool):

- I. Once broadcasted, the transaction enters a pool of unconfirmed transactions known as the mempool. Here, it awaits inclusion in the next block by miners.

Block Creation:

- I. Miners collect transactions from the mempool to form a block. Each block contains a set of transactions, a reference to the previous block (block hash), a timestamp, and a nonce (a variable used to vary the hash output).

X11 Hashing:

- I. The core of the PoW process involves miners competing to find a hash of the block header that meets the network's difficulty target. The X11 algorithm is used for this hashing process, which requires miners to perform multiple rounds of hashing and memory operations.
- II. Miners vary the nonce value repeatedly, recalculating the hash each time, until they find a hash that is lower than the current difficulty target. This process is computationally intensive and requires significant processing power.

Difficulty Target:

- I. The difficulty target adjusts automatically every 2016 blocks to maintain a consistent block generation time of approximately 5 minutes. As more miners join the network and contribute more computational power, the difficulty increases to ensure that blocks are not mined too quickly.



Block Validation:

- I. Once a miner finds a valid hash, they broadcast the block to the network. Other nodes then verify the block's validity by checking the hash, the transactions, and the solution to the puzzle.
- II. If the block is valid, it is added to the blockchain, becoming part of the immutable ledger of all previous transactions.

Miner Rewards:

- I. The successful miner receives a block reward, which consists of newly minted GXCoins and any transaction fees associated with the transactions included in the block. This reward incentivizes miners to continue securing the network.

Transaction Confirmation:

- I. Once a block is added to the blockchain, the transactions within it are considered confirmed. As more blocks are added on top of this block, the confirmations increase, making the transaction more secure and less susceptible to being reversed.

Advantages of PoW for GXCoin:

- **Security:** The PoW mechanism is highly secure, as altering the blockchain would require an attacker to re-mine all subsequent blocks, which is computationally impractical.
- **Decentralization:** PoW promotes decentralization by allowing anyone with sufficient computational resources to participate in the mining process, thus preventing central control.
- **Trustless Consensus:** PoW enables trustless consensus, meaning that no single party needs to be trusted to validate transactions. Instead, the entire network collectively agrees on the state of the blockchain.

Challenges and Solutions:

- **Energy Consumption:** PoW requires significant computational power, leading to high energy consumption. However, the use of the X11 Algorithm in GXcoin helps to mitigate this by enabling more efficient mining on consumer-grade hardware.
- **51% Attack:** While theoretically possible, a 51% attack (where a single entity controls more than half of the network's mining power) is highly unlikely due to the distributed nature of GXcoin's mining process.





ECONOMICAL MODEL

GXcoin's economic model is designed to foster long-term growth and sustainability. The coin distribution follows a halving schedule similar to Bitcoin and Litecoin, where block rewards are halved every 840,000 blocks. This reduces the rate of new coin creation over time, aligning with the principle of diminishing supply.

Mining Incentives

The Proof-of-Work consensus mechanism rewards miners for securing the network and processing transactions. As block rewards decrease over time, transaction fees will become an increasingly important component of miner incentives, ensuring network security remains robust.

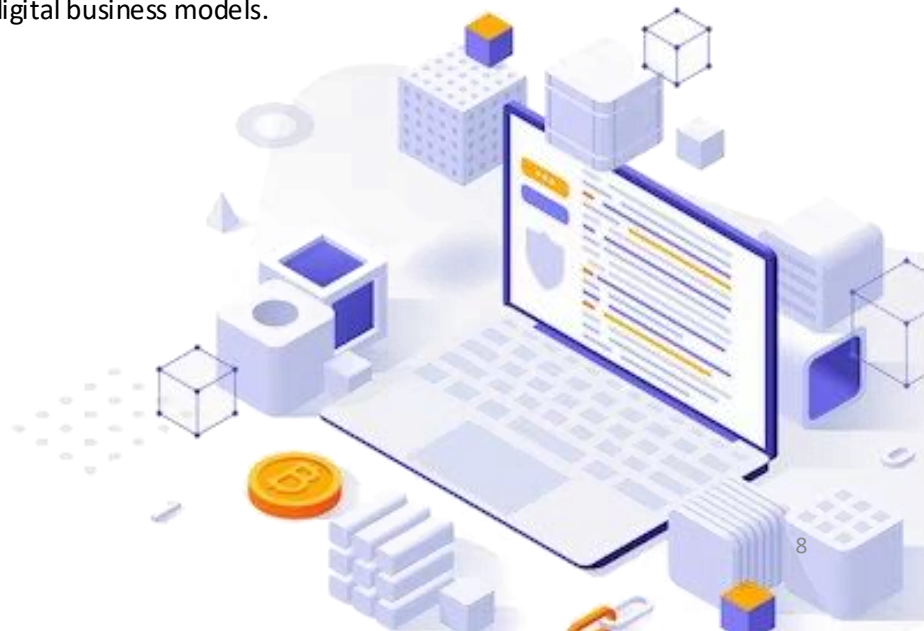
Transaction Fees

Transaction fees on the GXcoin network are designed to be minimal, making it an attractive option for micropayments and larger transfers alike. As network usage increases, transaction fees are expected to provide sufficient incentives for miners, even after block rewards diminish.

Future Use Cases of GXCOIN

GXcoin is positioned as a versatile cryptocurrency, suitable for a wide range of applications:

- **Peer-to-Peer Payments:** Fast transaction times make GXcoin ideal for everyday payments and remittances.
- **E-Commerce:** Low fees and quick confirmations enable seamless online shopping experiences.
- **Store of Value:** The capped supply of GXcoin provides a hedge against inflation, appealing to investors seeking long-term value preservation.
- **Microtransactions:** The efficiency of the network allows for low-cost microtransactions, expanding the potential for new digital business models.





SUPPLY AND DISTRIBUTION

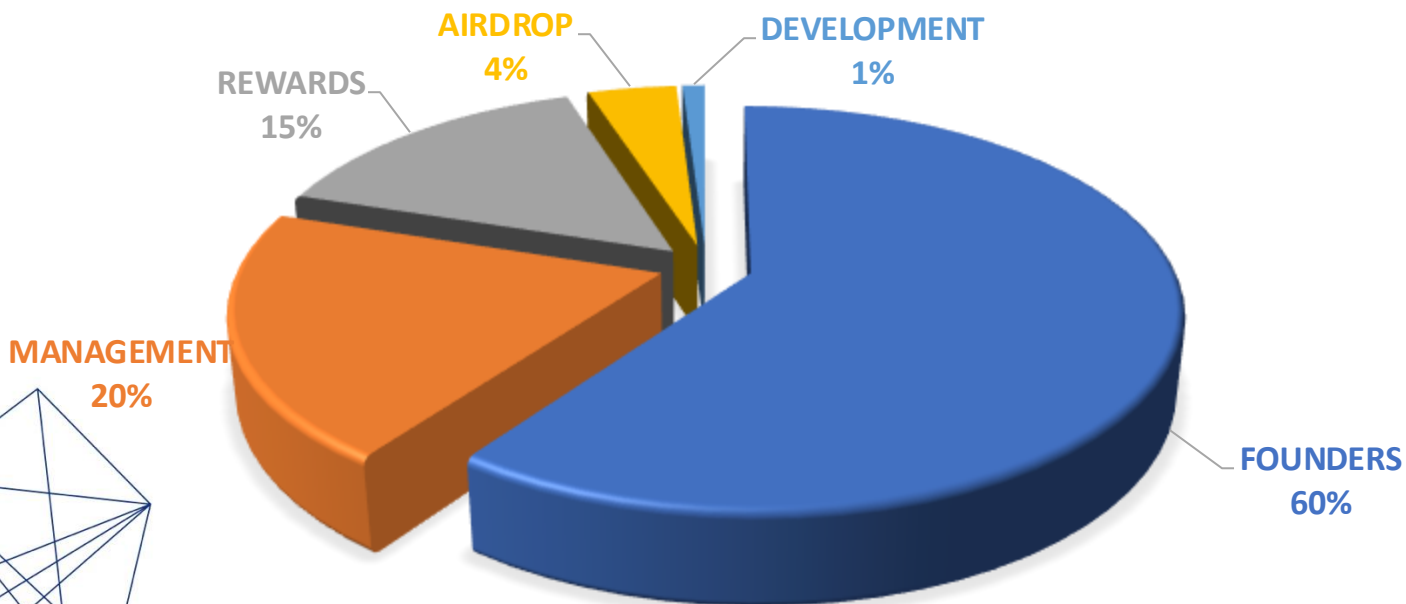
GXCOIN has a total supply of 108,000,000 GLX. The distribution is structured as follows:

- **Pre-mined Supply:** 90% of the total supply, equating to 97,200,000 GLX, has been pre-mined.
- **Mining Supply:** The remaining 10%, or 10,800,000 GLX, will be mined using the Proof of Work (PoW) mechanism.

MINING REWARDS

- Each block mined will yield a reward of 50 GLX.
- 90% of the mining rewards are allocated to the Masternode.
- 5% of the rewards go to the miner's address.

GLX COIN ALLOCATION





BENEFITS & MERITS

- **Security:** The X11 algorithm offers enhanced security through its multi-hash approach.
- **Stability:** Backed by real-world assets and USDT, GXCOIN offers a stable alternative in the volatile cryptocurrency market.
- **Decentralization:** The PoW and Masternode structure ensures a balanced and decentralized network.
- **Ecosystem Integration:** GXCOIN is seamlessly integrated within the GlobalX ecosystem, providing exclusive benefits to community members.

USE CASES

GXCOIN is designed for a variety of real-world applications, including but not limited to:

- **GlobalX Ecosystem:** Exclusive access and benefits within the GlobalX Community.
- **Asset-Backed Security:** Providing stability and trust through real-world asset backing.
- **Trading and Swapping:** GXCOIN will be initially available for swap with TRC20 USDT, with plans to expand to other cryptocurrencies.
- **Staking and Earning:** Long-term holders can stake their GLX for consistent rewards over time.





GLOBALX COMMUNITY PHASES

60% of the total GLX supply (64,800,000 GLX) is reserved for GlobalX founder members. This allocation will be distributed across six phases:

- **Phase 1:** Commences on 28 August 2024, with 10,800,000 GLX available. The landing asset is 108,000 USDT, establishing a starting price of 0.01 USDT per GLX.
- **Subsequent Phases:** Each phase will release 10,800,000 GLX, with the entire distribution planned to be completed over the next six years.

STAKING PROGRAM

GXCOIN offers a structured staking program designed to incentivize long-term holding and network participation. There are two staking packages available:

- **1100 USDT Package:** Involves burning 2000 GLX per purchase.
- **550 USDT Package:** Involves burning 1000 GLX per purchase.

Staking Terms:

- The staking period is 5 years.
- The Annual Percentage Rate (APR) is 6% for the first year.
- The APR will decrease by 1% each subsequent year.





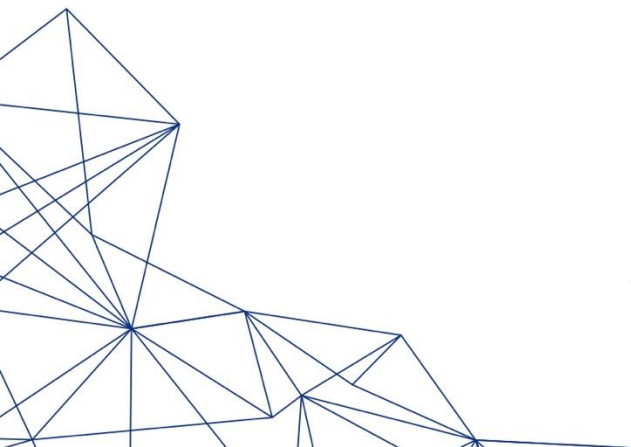
SECURITY

Security is a paramount concern for any cryptocurrency. GXCoin benefits from the robust security features inherent in the X11 algorithm and the Darkcoin codebase, including:

- **Decentralization:** By supporting CPU and GPU mining, GXCoin avoids centralization risks associated with ASIC-dominated networks.
- **Segregated Witness (SegWit):** This feature reduces transaction size, increasing block capacity and preventing transaction malleability.
- **Lightning Network:** Compatible with the Lightning Network, GXCoin supports off-chain transactions, offering instant payments with negligible fees.

CONCLUSION

GXCOIN represents a significant advancement in the integration of blockchain technology with real-world assets. With its robust architecture, exclusive community benefits, and stable backing, GXCOIN is poised to become a key player in the digital currency landscape, offering security, stability, and growth opportunities for the GlobalX community.





GXCOIN

COIN NAME

GXCOIN (GLX)

ALGORITHM

X11 - Proof of Work (POW)

TOTAL SUPPLY

108000000 GLX Coins





GXCOIN WALLET & FEATURES

DECENTRALISED WALLET CODE

- ✓ 100% Decentralized – Risk Free and is built on the Zero Interference Model.
- ✓ Immutable Peer to Peer Framework
- ✓ Multi-Chain Network Integration.
- ✓ Assets Available: BTC / ETH / TRX / BNB / LTC DOGE etc.
- ✓ Staking Rewards: 2–6 % APR* on GX Coin Staking Program.
- ✓ Insta Swap Facilities available.
- ✓ Utility Services: E-Commerce Platforms / Flight Bookings / Hotel Bookings / Use case on Multiplex and Malls.

**Terms & Conditions Applied*

ROADMAP



Start Building
Community -
Q3 2023

Start Development
of GLX Blockchain &
HD Wallet -
Q4 2023



GX COIN
Stake Program -
Q3 2024

Launching of GX
Wallet - Q2 2024



Launching of GLX E-Commerce Platform
Q3 2025



Launching of Gaming
Platform - Q4 2026



Listing of GLX Coin in
Centralized Exchange -
Q4 2029



Mission &

Vision



- *We are committed to create millionaires. Our associates must enjoy financial freedom.*
- *The aim of our research and development is to integrate the latest financial technology to our community.*
- *Thoughts to give our associates the best rewards ever.*
- *Asia is a land of opportunity and thinking is all set the grab it.*
- *Our Integrity, hard work and transparency.*

Our Values:

- Always be **HONEST**
- Always keep **LEARNING**
 - SPEED Wins**
- Maintain clear **COMMUNICATION**
- Our First Priority - **ASSOCIATES**

Our Projects



- ✓ Gaming Platform
- ✓ E-Commerce
- ✓ Loyalty Program
- ✓ Air / Hotel Booking
- ✓ Real Estate Booking

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Fintech Consultation
Technology driven financial management can give us winning edge. We give you the best service in this regards. We let your hard earned money grow our talent. We take care of your assets with honesty.

- ✓ Blockchain & Wallet
- ✓ Multi Chain HD Wallet
 - ✓ D-Ex
- ✓ Token Repository
 - ✓ NFT
- ✓ Metaverse

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