

# SomCoin Whitepaper

Decentralized • Secure • Fast Digital Currency

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## 1. Introduction

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SomCoin is a decentralized digital currency designed for fast, secure, and borderless transactions. It eliminates reliance on centralized institutions and gives full financial control to users.

## 2. Vision

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- Instant global payments
- No intermediaries
- Transparent and secure system
- Accessible mining for everyone

## 3. Key Features

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- ECDSA cryptographic security
- Fast transactions (~60 seconds)
- Decentralized P2P network
- Proof-of-Work mining
- Max supply: 21,000,000 SOM

## 4. Architecture

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Blockchain Layer

P2P Network Layer

Application Layer (Wallet, Explorer, Mining)

## 5. Consensus

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SomCoin uses Proof-of-Work (PoW) with dynamic difficulty adjustment.

## 6. Transaction Model

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UTXO model ensures secure transactions and prevents double spending.

## 7. Mining & Rewards

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Initial reward: 50 SOM

Halving system reduces rewards over time

Transaction fees included

## 8. Network

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P2P Port: 9334

Automatic peer discovery

Fully decentralized communication

## 9. Tokenomics

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Symbol	SOM
Max Supply	21,000,000
Block Time	~60 sec
Consensus	PoW
Model	UTXO

## 10. Roadmap

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- Global node expansion
- Mobile wallet
- Exchange listing
- AI integration
- Smart contracts (future)

## 11. Conclusion

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SomCoin aims to become a powerful decentralized financial system with real-world usability and strong security.