Satoxcoin Whitepaper

A modern, GPU-friendly cryptocurrency

Version 2.0 - The Satoverse Ecosystem

What is SATOX?

Satoxcoin (SATOX) is an ASIC-resistant, GPU-friendly cryptocurrency designed for true decentralization and censorship resistance. Built on a proof-of-work (PoW) blockchain, SATOX prioritizes security, privacy, and open participation for all.

- Unstoppable, irreversible transactions
- Decentralized, censorship-resistant network
- Proof-of-work (KawPoW) for fair mining
- Unique Play-to-Earn (P2E) platform
- Dedicated team of community members
- Developer-friendly SDKs and tools

The Satoxcoin Vision

SATOX was born from the revival of the abandoned SATO project. A dedicated team rescued SATOX, rebuilt it and created a offchain p2e platform, where users can earn rewards playing there favorite games on Steam and earn rewards in SATOX while doing it, this works on Desktop and the game console SteamDeck.

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Core Principles

- •Open to all contributors and developers
- •Decisions made by consensus and team input
- •Focus on long-term sustainability and growth
- •Building a comprehensive gaming and development ecosystem

Technical Specifications

Basic Information

Name:Satoxcoin
Ticker:$SATOX
Algorithm:KawPoW
Block Reward:300 SATOX
Block Time:60 seconds
Type:Proof-of-Work (PoW)

Tokenomics

Burned Coins:1+ Billion
Max Supply:8 Billion
Premine:3.5 Billion (for swap)
Retarget Algorithm:DGW (Dark Gravity Wave)
Instamine Protection:1000 Blocks
Halving:Every 4 years

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SDK Security & Empowering Developers

The Satox SDK is designed with security and developer empowerment at its core. We provide robust tools and libraries for integrating SATOX into games and applications, with a strong focus on secure key management, quantum-resistant encryption, and best practices for blockchain development.

- Quantum encryption support for SDK key security
- Comprehensive documentation and open-source code
- Easy integration for in-game assets, rewards, and payments
- Active support and a growing developer community

By using the Satox SDK, developers and creators can build secure, scalable, and innovative apps and games, bringing the power of blockchain to mainstream audiences with confidence.

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Difficulty Adjustment: Dark Gravity Wave (DGW)

Satoxcoin uses the Dark Gravity Wave (DGW) algorithm to adjust mining difficulty and keep block times stable at 60 seconds. Unlike older systems that adjust every few thousand blocks, DGW recalculates the difficulty for every block, using data from the last 24 blocks. This allows the network to respond quickly to changes in mining power, preventing wild swings in block times and making the network more secure and reliable.

DGW was originally developed for Dash and is now used by many modern cryptocurrencies, including Satoxcoin. Its fast, smooth adjustments help protect Satoxcoin from hashrate attacks and ensure a fair mining environment for everyone.

Developers Fund

10% of each block reward goes to P2E Fund and Dev Fund, 90% to miners.

Both funds depend entirely on mining activity.

P2E

Gaming Rewards

Dev Fund

SATOX
Development

Mining Rewards

Block reward

Application Usage for SATOX

Unit of account, store and transfer of value
Minting and transferring blockchain assets
Game and in-game purchases
Rewards for achievements and competitions

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Loyalty programs and customer rewards

Donations and tipping

Cross-border remittances

Mining and network security incentives

Microtransactions and instant payments

Access to premium content and features

SATOX is designed for real-world and digital use cases, with a focus on gaming, assets, and community rewards.

Assets

SATOX supports a robust asset system, allowing users to create, transfer, and burn tokens for a wide range of applications:

Main, sub, and unique assets
Messaging channel and qualifier assets
Loyalty points and reward tokens
Supply chain and logistics tokens
Real-world asset tokens (e.g., gold, real estate)
Restricted and sub-qualifier assets
Gaming and NFT assets
Charity and donation tokens
Collectibles and digital art
Event tickets and access passes

Assets can represent real-world items, project shares, virtual goods, credits, and more.

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Halving Schedule

Block No	Halving Block	Estimated Year	Reward
1	2,100,000	2026	300
2,100,001	4,200,000	2030	150
4,200,001	6,300,000	2034	75
6,300,001	8,400,000	2038	37.50000000
8,400,001	10,500,000	2042	18.75000000
10,500,001	12,600,000	2046	9.37500000
12,600,001	14,700,000	2050	4.68750000
14,700,001	16,800,000	2054	2.34375000
16,800,001	18,900,000	2058	1.17187500

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Block No	Halving Block	Estimated Year	Reward
18,900,001	21,000,000	2062	0.58593750

Want to see what's next for Satoxcoin?

Explore the SATOX Roadmap for upcoming features, releases, and community plans.

View the Satox Roadmap

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- Roadmap
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Developer Portal

- Developer Portal
- Showcase
- API Reference
- MediaKit

Community

- Discord
- Telegram
- X (Twitter)
- YouTube
- GitHub

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