

SYNORIX (SNRX) WHITEPAPER v1.5

1. Introduction

Synorix (SNRX) is a progressive fork of the Bitcoin Core protocol. It was engineered to maintain the absolute scarcity and decentralization of Bitcoin while introducing critical architectural upgrades to latency, throughput, and long-term economic sustainability. Synorix acts not just as a currency, but as a Value Distribution Layer for its participants.

2. Technical Architecture & Network Upgrades

Synorix inherits the robust security model of Proof-of-Work (PoW) but optimizes the consensus parameters for modern usage:

- **Block Time Optimization:** Reduced from 600 seconds to 150 seconds (2.5 minutes). This ensures faster transaction finality, drastically improving the user experience for point-of-sale and peer-to-peer transfers.
- **Block Size Expansion:** Increased to 8 MB. Combined with the faster block time, Synorix offers significantly higher transactions per second (TPS) compared to legacy networks, preventing fee spikes during high network demand.
- **Dynamic Difficulty Adjustment (DDA):** To prevent chain freezes caused by hash rate fluctuations on the 2.5-minute block interval, Synorix replaces the legacy 2016-block retargeting with a modern Dynamic Difficulty Adjustment algorithm. This ensures consistent block generation regardless of miner migration.
- **Native SegWit Support:** Synorix fully supports BIP84 ([syn1](#) / [tsyn1](#) prefixes), ensuring cheaper transactions and readiness for future Layer-2 scaling solutions.

3. The On-Chain Treasury Mechanism

The most defining feature of Synorix is its departure from the traditional "miners-take-all" fee model. To ensure the network thrives long after the block rewards diminish, Synorix integrates a deterministic Treasury

protocol. A portion of network transaction fees is algorithmically routed to a transparent, on-chain Treasury address.

Treasury Allocation Strategy:

- **40% - Liquidity Provision:** Automated routing to decentralized exchanges (DEXs) to ensure deep, stable markets for SNRX.
- **30% - Buyback & Burn:** A deflationary mechanism to permanently remove SNRX from circulation, increasing the scarcity of the remaining supply.
- **30% - Ecosystem Growth:** Directed toward developer grants, infrastructure (nodes/explorers), and community initiatives via decentralized governance.

4. Tokenomics and Emission Schedule

Synorix respects the mathematics of absolute scarcity. The max supply is strictly capped at 21,000,000 SNRX. Because the block time is 4x faster than Bitcoin, the halving interval has been mathematically adjusted to 840,000 blocks. This ensures the emission curve mirrors the proven 4-year halving cycle, preventing hyperinflation and protecting the coin's value. Initial Block Reward: 50 SNRX. Distribution: 100% of the supply is generated through public Proof-of-Work mining. There are zero pre-mined coins.

5. Conclusion

Synorix bridges the gap between digital gold and a practical, scalable payment network. By combining high-speed blocks, expanded capacity, and a self-funding Treasury mechanism, Synorix provides a sustainable, decentralized future for sound money.