Ansarx (ANSX) Whitepaper

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Abstract

Ansarx (ANSX) is a Solana-based utility token designed to fund and democratize Bitcoin mining operations, providing holders with stable monthly revenue shares from net mining profits. With a fixed supply of 100,000,000 tokens, ANSX eliminates staking requirements and focuses on real-world asset productivity. Proceeds from private and presale rounds will acquire efficient mining hardware, to generate BTC yields. Fifty percent of net BTC mined is retained for treasury growth, while 30% is distributed as USDC rewards to holders, ensuring sustainable income without hype-driven volatility. This whitepaper outlines the project's mechanics, tokenomics, roadmap, and risk considerations, emphasizing transparency and long-term value creation in the crypto mining sector.

1. Introduction

1.1 Background

Bitcoin mining remains a cornerstone of cryptocurrency, securing the network while producing new BTC. However, individual participation is hindered by high upfront costs, technical complexity, and energy expenses. As of August 2025, the Bitcoin network hashrate stands at approximately 1.02 Z hash/s (1,020 EH/s), with block rewards at 3.125 BTC per block post-2024 halving. Global electricity costs average $0.07/kWh for industrial mining, making efficiency critical.

Ansarx bridges this gap by tokenizing mining access on Solana, a high-speed blockchain with low fees. Holders receive proportional shares of mining revenue, converted to stable USDC, fostering a "dividend-like" model without the need for personal hardware or staking locks.

1.2 Mission and Vision

Our mission: Empower retail investors with passive income from BTC mining, prioritizing sustainability and transparency. Vision: Build a self-funding mining ecosystem that scales with market conditions, burning eventually 10% of totla supply for deflationary pressure and retaining profits for perpetual growth.

2. Problem Statement

- **Barriers to Entry:** Mining requires $3,000+ per ASIC unit (e.g., Antminer S21+ $3,200), plus hosting and electricity, excluding most individuals.
- **Volatility and Risk:** Solo mining yields are unpredictable; pooled mining dilutes rewards.
- **Centralization:** Large farms dominate, reducing decentralization.
- **Token Models:** Many crypto projects promise yields via staking or DeFi but lack real-world backing, leading to rugs or unsustainable APYs.
- **Market Opportunity:** With BTC at $111,000 USD and SOL at $197.64 USD, tokenized mining can capture value from rising hashrates and halvings.

3. Solution: The Ansarx Ecosystem

Ansarx funds Bitcoin mining via token sales, deploys hardware, and distributes net profits monthly. Key features:

- **Mining Operations:** Use presale funds (~2,100 SOL or $415,000 USD at current prices) to buy ~Antminer S21 units (200 TH/s each, 3,500W power), hosted in low-cost facilities. Projected base yield: 0.182 BTC/month net (after $0.07/kWh electricity, ~$12,172/month costs), valued at ~$20,533 gross.
- **Rewards Distribution:** No staking—rewards based on wallet balances at monthly snapshots.
- **Transparency:** Public Solana wallets, mining pool stats (e.g., via Foundry), and dashboards for real-time tracking.
- **Anti-Dump Mechanisms:** Locked liquidity, vested team tokens, and buybacks.

4. Tokenomics

4.1 Supply and Allocations

Fixed supply: 100,000,000 ANSX on Solana (SPL standard).

4.2 Monthly Rewards Mechanism

From net BTC mined (gross - costs): 50% retained in treasury; 50% allocated as:

- 30% (total) to holders as USDC (stable, low-fee payouts on Solana).
- 15% to new machines.
- 3% to buyback & burn (until 90M supply).
- 2% to team (operations incentive).

Snapshot: Last day of each month (00:00 UTC). Min hold: 1,000 ANSX. Excludes team/treasury/LP. Anti-sybil: ≥3 txs/wallet. Claims via Merkle distributor dApp.

Example (Base Scenario): 0.182 BTC net ($20,533 USD). Retained: 0.091 BTC. Used: 0.091 BTC → Rewards: 0.0546 BTC ($6,160 USDC) to ~50M eligible tokens. Per-token: ~$0.000123 USDC.

- Small (1,000 ANSX): $0.123.
- Medium (10,000): $1.23.
- Large (100,000): $12.30.

Yields vary: Bear (0.1 BTC net), Base (0.182), Bull (0.4 BTC).

5. Treasury Policy

Retained 50% BTC breakdown: 40% machine expansion, 40% strategic reserve, 10% buyback/burn, 10% operations (max 5% monthly opex).

- **Guardrails:** Min 0.5 BTC floor; expansions if ROI >25% (3-month BTC avg.).
- **Rebalance:** Quarterly via multisig.
- **Dashboard:** Solscan wallets, Dune Analytics for charts (mined BTC, distributions).

6. Technology and Infrastructure

- **Smart Contracts:** SPL token with vesting (Spl_governance); Merkle for rewards; multisig treasury (3/5 Gnosis). No oracles—off-chain BTC conversion via CEX (e.g., Binance) to USDC.
- **Audits:** Community bounties; open-source on GitHub.
- **Liquidity:** Raydium pool, 18-month lock (PinkLock verifiable). Anti-bot: Tx limits first 24h.
- **Mining:** Pooled (e.g., Foundry); hardware specs: 200 TH/s, 3,500W.

7. Roadmap

- **Q3 2025 (Preparation & Launch Setup):** Finalize and complete smart contract development with integrated vesting, snapshot, and buyback modules for robust security. Conduct community-driven audits and third-party reviews to ensure code integrity and vulnerability-free deployment. Open and complete private sale, targeting ≥100 SOL raised with strict wallet limits (min 0.5 SOL, max 0.8 SOL) to foster fair distribution and build early community trust.
- **Q4 2025 (Token Deployment & Funding Milestone):** Launch presale to raise 2,000 SOL, emphasizing transparent fund allocation for mining hardware. Deploy ANSX token on Solana mainnet, establish USDC/ANSX liquidity pool on Raydium with 50% of raised funds, and lock LP tokens for 18 months via verifiable tools like PinkLock to prevent rugs and ensure stability.
- **Q1 2026 (Operations Kickoff & Optimization):** Initiate Bitcoin mining operations by purchasing initial hardware (e.g., Antminer S21 units) using presale proceeds, aiming for base yield of 0.182 BTC/month net. Implement first quarterly treasury rebalance to align with BTC volatility; introduce community governance via multisig votes for machine expansions; forge partnerships with reliable mining hosts (e.g., colocation providers) to optimize costs and uptime.

- **Q2 2026 (Expansion & Innovation):** Deliver first monthly rewards payout and monitor holder engagement; scale mining fleet using accumulated 15% allocations for higher yields in bull scenarios. Explore non-DeFi integrations such as NFT utility for holders (e.g., mining-themed collectibles), cross-chain bridges for broader accessibility, and eco-friendly mining upgrades (e.g., renewable energy hosts); conduct holder surveys for feature prioritization.
- **Q3 2026 & Beyond (Sustainability & Maturity):** Achieve 10% supply burn milestone through consistent buybacks; enhance public dashboard with real-time analytics and AI-driven yield predictions; pursue global collaborations like mining pool integrations; unlock team tokens post-18 months with continued vesting options; focus on long-term scalability, including potential hardware upgrades and community-led initiatives for perpetual growth.

8. Risks and Disclaimers

- **Market Risks:** BTC/SOL volatility; halving impacts yields. Stress test: SOL halves → ~34 machines, 12% APR; doubles → 138 machines, 45% APR.
- **Operational:** Hardware failures, pool downtime—mitigated by reserves.
- **Regulatory:** Rewards as revenue shares, not guaranteed returns. Participants handle local taxes/AML. No KYC; jurisdiction-agnostic.
- **Security:** Rug-proof via locks, renounces. Potential attacks (e.g., sybil) countered by thresholds, on-chain proofs.

10. Conclusion

Ansarx redefines mining accessibility, blending Solana's efficiency with Bitcoin's security. By focusing on stable, transparent revenue shares, we create enduring value for holders. Join us in building a mined-future—participate in the presale today.

Disclaimer: ANSX is not an investment; rewards depend on mining performance. Past yields no guarantee of future results.