X4NOVA / ENGINEERING

Native asset integration brief

Private testnet · Version 0.7 · 21 November 2026

X4NOVA develops a proof-of-work chain for self-custodied payments and file-hash proofs. One on-chain commitment can cover multiple files with individually verifiable salted proofs. X4N is the proposed native asset. The project has no public mainnet or trading date. Lab balances expire on reset and carry no entitlement to future coins.

Payment protocol

Accounting	UTXO model with eight decimals. Deposits can be identified by transaction ID and output index. X4N has no token contract address.
Issuance	Zero spendable genesis reward. Initially 50 X4N per block. Halvings every 420,000 rewarded blocks. Integer subsidy ceiling of 41,999,999.9538 X4N.
Mining and finality	CPU-oriented RandomX and cumulative valid work. The LabNet targets 300 seconds between blocks. Reorganisations can reverse confirmations.

What has been demonstrated

- Two archival project nodes agreed at height 386. Rust checks monetary rules before contract execution. The complete UTXO commitment matched Core on two test histories, including after switching branches.
- Three project-operated processes rehearsed first-miner shutdown, catch-up and recognition of a confirmed payment after restoring an older wallet backup. Independent external operators are the next test.
- A separate Rust execution network produced a token-transfer receipt. EVM state transitions are experimental and are outside the payment network’s consensus.

What a trading integration would still require

Public genesis and release hashes, reproducible signed builds, network and address specifications, independent operators, external security review, reorganisation monitoring and a tested deposit and withdrawal policy. Legal classification, the responsible applicant, jurisdiction-specific disclosures and liquidity arrangements remain open.

Project contact info@x4nova.com

Technical whitepaper and evidence summary