Amoeba Farm

What this is: Cash-settled, capped call and put options on published hardware indices. Collateral and payouts are **USDC on Solana Mainnet**. You trade price exposure, not hardware or semiconductor shares. Amoeba charges no platform or protocol fee; network fees still apply.

The index:

- **RAMX** tracks a defined RAM/DRAM basket; **NANDX** tracks a NAND/storage basket. Each product version fixes eligible products and weights. View sources and composition.
- The **Boidian Oracle** measures source price movements from opening values. Equal-source medians form SKU buckets; frozen basket weights form the index.
- **Settlement:** source medians over a **five-business-day expiry window**, then bucket medians and basket aggregation. Failed sources follow coverage-recovery rules; the basket is not silently reduced.

Oracle:

- **Submit, challenge, freeze:** contributors post bonded evidence; sources and observations can be challenged. Source membership and methodology lock for the contract.
- **Bond amounts are case-specific.** Ordinary source challenges last two days; September/October 2026 launch cohorts use one hour. Update resolution waits at least 24 hours after reveal.
- A **five-seat council** decides cases with **three matching public ballots**. Token ownership alone does not grant a vote.

The option:

- **Neutral terms:** strike 100; call cap 112; put floor 88. Each whole contract pays **1 USDC per index point**, capped at **12 USDC**. The actual series terms control.
- The standard ladder has three monthly maturities. Exact UTC expiry is listed per series; launch schedules can differ. Buy or sell against available liquidity, or place funded limit orders.
- **Worked example:** a 100/112 call pays 8 USDC at an index of 108, 12 at 116, and zero at 99. Net result = payout minus premium and network costs.
- Settlement publication follows a 24-hour post-expiry grace and completed evidence and dispute processing. USDC claims follow finalization; next-day payment is not guaranteed.

Writers and risk:

- Writers pool USDC by index and expiry. A manager places liquidity within fixed price and risk limits. Deposits create **dated contribution receipts**; profit or loss after option obligations is allocated by principal times time to expiry.
- **No early principal withdrawal** or guaranteed receipt market. Early option exits require a buyer. Buyers can lose their full premium; writers can lose committed principal.
- Thin liquidity, benchmark mismatch, source errors, software failures and council decisions can affect outcomes. Fully funded obligations do not guarantee profitable trades or timely exits.