

SYNX – AI Computing Token on Linux

Litepaper – First Edition

Vision

The future of Artificial Intelligence belongs to open, distributed systems—and Linux is the perfect home for this evolution.

SYNX is building a community-driven network where anyone can contribute their computing power—whether it's a laptop, server, or GPU—and earn rewards in SYNX tokens. In doing so, we're not just trading resources; we're creating a stronger, more connected community.

Over time, this network will grow into a powerful shared infrastructure, enabling model training, tool sharing, and collaborative development. Instead of centralizing resources in the hands of a few corporations, SYNX empowers everyone to take part in shaping AI.

The Problem

Developing and training AI models is prohibitively expensive.

- Independent researchers and small developers often lack the necessary computing power.
- Meanwhile, millions of Linux-based devices remain underutilized across the globe.

This imbalance creates a barrier to innovation.

The SYNX Solution

SYNX is a digital token that represents a Compute Credit—a fair and transparent way to exchange computing resources.

- For contributors: Share your device's idle power and earn SYNX.
- For users: Spend SYNX to access powerful GPUs when you need them.

By bridging these two groups, SYNX creates a distributed, community-first compute marketplace.

How It Works

Node Agent on Linux

- Open-source software, easily installed with a single command: sudo apt install synx-node
- Handles small AI tasks such as inference, data processing, and partial training.
- Sends proof of execution to the network → earns SYNX tokens in return.

Compute Marketplace

- Users define their tasks through a web or CLI interface.
- SYNX tokens are used to pay for compute time.
- Tasks are distributed across multiple nodes, and results are verified through multi-node validation.

GPU Credits

- GPU owners contribute their computing capacity to the marketplace.
- Developers and researchers pay with SYNX to access GPU hours on demand.

Tokenomics

- Total Supply: 1,000,000,000 SYNX
- Distribution:
 - 40% Community Treasury (DAO + Development Funding)
 - 25% Node Rewards
 - 20% Bounties & Open-Source Development
 - 10% Liquidity for trading
 - 5% Emergency Reserve
- Burn Mechanism: A portion of network fees is burned to gradually reduce inflation.

Roadmap (First 90 Days)

- Month 1: Launch testnet token + publish litepaper.
- Month 2: Release first Node Agent (CPU-only).
- Month 3: Launch experimental compute marketplace for small AI tasks.

Community

SYNX is fully open-source and governed by its community.

- Code and documentation are hosted on GitHub.
- Development decisions are guided by a DAO.

- Contributors—whether coding, documenting, or running nodes—are rewarded with SYNX.

This strengthens not just the network, but the bonds between people working together to democratize AI.

Conclusion

SYNX is more than just a token. It's a distributed compute credit designed to make AI open, affordable, and accessible to all.

With SYNX:

- Your everyday device becomes a source of income.
- Powerful GPUs are no longer out of reach.
- The community grows stronger and more collaborative.
- AI development is no longer monopolized by large corporations—it's open for everyone to innovate.

 This is Litepaper v0.2. Feedback and contributions are warmly welcomed.