

NeuronovAI (NRXAI) — Whitepaper

1. Introduction

NeuronovAI is a project aiming to integrate neuroscience and artificial intelligence, bringing a science-driven and innovative approach to the crypto ecosystem. Its native token, NRXAI, is developed in compliance with the BNB Smart Chain (BEP-20) standard. The goal is to create sustainable, long-term value at the intersection of AI x Neuroscience by developing AI technologies inspired by neuroscience.

2. Vision and Mission

Vision: To develop data-efficient, scalable, and reliable AI models inspired by the human brain's functionality, building an AI infrastructure that can be utilized globally. Mission: To produce neuroscience-based AI solutions through lab-validated R&D; make these solutions transparently accessible on the blockchain, and integrate them into real-world applications.

3. Problem Statement

- Current AI models are not sufficiently aligned with biological learning principles. - Many crypto projects lack real-world utility. - Projects without a solid scientific foundation often fail to deliver long-term value.

4. Solution and Technology

NeuronovAI redesigns software, data infrastructure, and machine learning technologies in line with neuroscience principles. Core Elements: • Laboratory Validation: All solutions undergo testing in independent R&D; laboratories. • Academic Collaborations: Strategic partnerships with universities and research institutions. • Blockchain Integration: Ensures transparency, traceability, and data integrity. • Brain-Inspired Learning: Incorporates concepts such as synaptic plasticity, attention mechanisms, and memory models. • Security: Employs cryptographic infrastructure, multisig treasury management, timelock mechanisms, and independent security audits.

5. Tokenomics

Total Supply: 13.45 billion NRXAI Network: BNB Smart Chain (BEP-20) Price Policy: - No NRXAI tokens will be sold below the launch price. - This principle applies to all distribution channels, including campaigns, airdrops, and private allocations. - **The project team, core members, and early investors commit not to sell below the launch price.** - Any violations will be transparently announced on-chain, and relevant addresses will be subject to restrictions defined in the project's smart contracts.

| Category | Amount (NRXAI) | % | Description |
|--------------------------------|----------------|-------|---|
| Liquidity & Exchange Reserve | 1.20B | 8.9% | Allocated for CEX/DEX listings and price stability. 150M per exchange listing |
| Community Incentives & Airdrop | 0.40B | 3.0% | Campaigns, rewards, and user acquisition |
| Strategic Partnerships | 1.60B | 11.9% | Partnerships and integrations |
| R&D and Product Development | 2.20B | 16.4% | Laboratory operations, software, and data infrastructure |
| Marketing & Promotion | 0.80B | 5.9% | Brand awareness and community growth |
| Team & Advisors | 1.00B | 7.4% | Compensation for core team and advisors |
| Security & Reserve Fund | 0.25B | 1.9% | Emergency fund and insurance |
| Long-Term Locked Reserve | 5.00B | 37.2% | Locked for 5 years, allocated for future growth |
| Total | 13.45B | 100% | |

Vesting Schedule

| Category | Initial Lock | Release Schedule / Condition |
|--------------------------------|-----------------------|---|
| Liquidity & Exchange Reserve | 150M at TGE | No unlock without listing |
| Community Incentives & Airdrop | Locked until campaign | Released before each campaign |
| Strategic Partnerships | 6-month lock | Linear over 24 months |
| R&D and Product Development | 6-month lock | Linear over 36 months |
| Marketing & Promotion | 6-month lock | Linear over 18 months |
| Team & Advisors | 12-month lock | Linear over 36 months |
| Security & Reserve Fund | DAO vote | Quorum 10%, 50%+1 approval, 72h voting, 3/5 multisig + 24h timelock |
| Long-Term Locked Reserve | 60-month lock | Community vote |

6. Roadmap

2025 Q3–Q4

- Website and logo launch
- Whitepaper release
- Smart contract verification (BscScan) and initiation of security audit
- Community building and growth campaigns
- Initial CEX listings
- Scientific content releases
- Web application launch (BETA version)

2026 Q1

- Expansion of academic collaborations
- Introduction of new product concepts
- Web application full launch

2026 Q2

- Mobile application launch
- Additional product and module announcements

2026 Q3

- Laboratory setup preparations
- Expansion of the R&D team
- Preliminary data collection and experiment planning
- Launch of pilot academic projects
- Preliminary technical integration discussions with corporate partners

2026 Q4

- Prototype testing of the first neuroscience-based AI model
- Launch of the first neuroscience-based AI model prototype

2027 and Beyond

- Large-scale user onboarding process
- Initiation of corporate integrations
- Launch of new products to the market

7. Legal Disclaimer

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