

1. Executive Summary

Dendrites (DNDX) is designed as the economic backbone of a commerce-grade trust layer built for predictable transaction fees, safer payments, programmable escrow, and AI-assisted dispute handling. The tokenomics model is structured to ensure:

- **Long-term alignment** between founders, contributors, and the community
- **Controlled early float** (6–9% at TGE) to prevent inflationary surges
- **Institutional-grade vesting structures** that promote stability
- **Clear utility** across Predictable Gas™, SafetySend (UNDO), and APP Escrow

DNDX has a **fixed total supply of 7.6 billion tokens**, with all allocations subject to cliffs, linear vesting, or governance controls.

2. Total Supply & Supply Cap

- **Total Token Supply: 7,600,000,000 DNDX**
- **Supply Type:** Fixed
- **Minting:** No additional minting allowed
- **Inflation:** 0% (permanent fixed cap)
- **Burns:** Only via governance-approved mechanisms

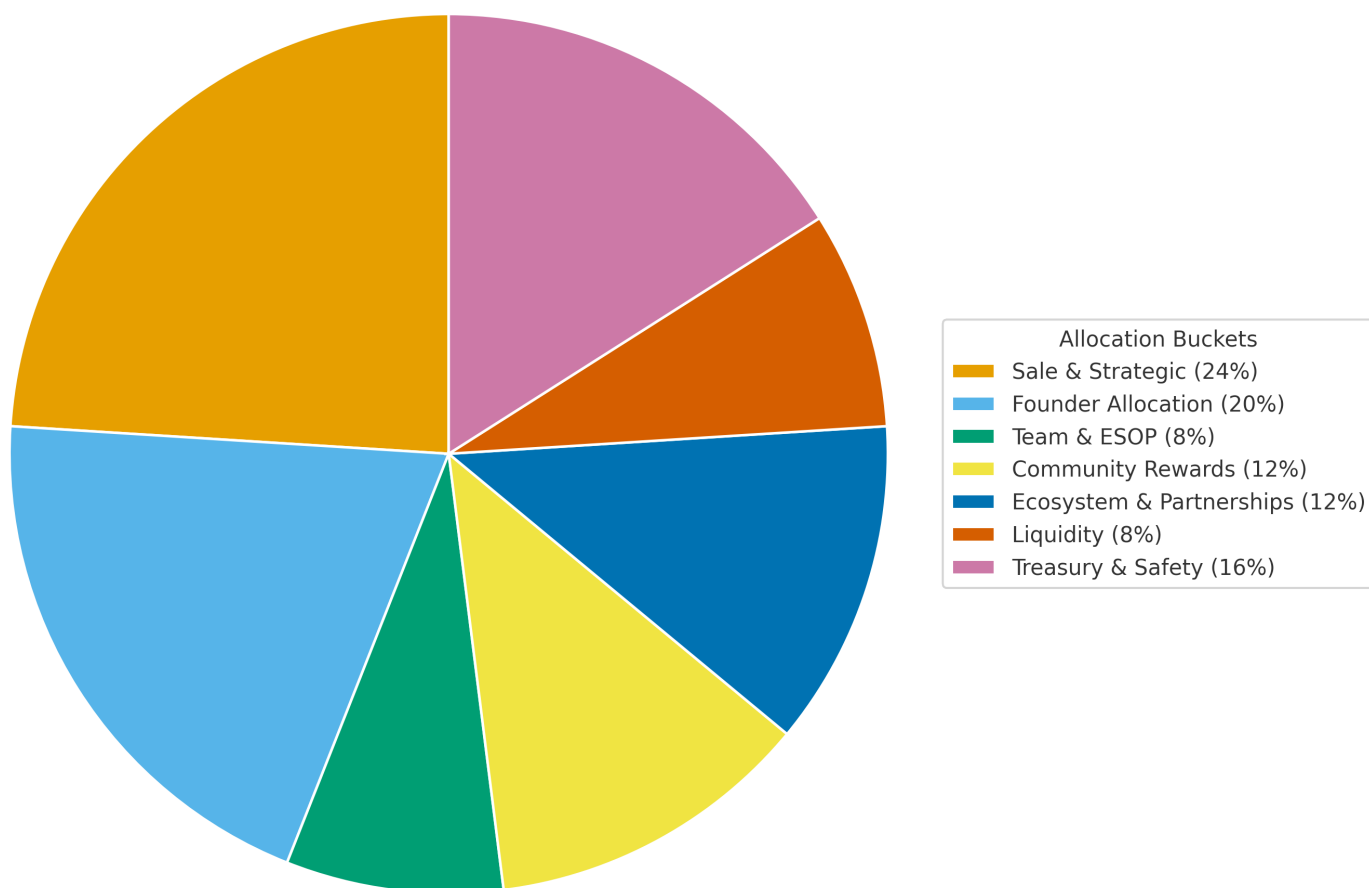
The fixed cap ensures that the token aligns with long-term sustainable economics rather than inflationary token emissions.

Category	% of Supply	Tokens
Sale & Strategic	24%	1,824,000,000
Founder Allocation	20%	1,520,000,000
Team & ESOP	8%	608,000,000

Category	% of Supply	Tokens
Community Rewards	12%	912,000,000
Ecosystem & Partnerships	12%	912,000,000
Liquidity	8%	608,000,000
Treasury & Safety Reserves	16%	1,216,000,000

All categories have **cliff + vesting schedules**, except Treasury (governed unlocks only).

DNDX Token Allocation



4. Detailed Allocation Breakdown

4.1 Sale & Strategic — 24% (1.824B DNDX)

Purpose: All external token distributions across the lifespan of the project — including community programs, strategic partners, and future launch requirements.

Public Rules:

- All allocations within this bucket have vesting (no 100% TGE unlocks).
- This bucket alone does not determine TGE float — TGE float remains fixed at ~6–9% across all categories.
- Exact sale schedules, rounds, unlock percentages, or pricing are not disclosed publicly.

Vesting Model (conceptual):

$$V_{\text{sale}}(t) = \begin{cases} 0 & t < t_c \\ A \frac{(t - t_c)}{T_{\text{vest}}} & t \geq t_c \end{cases}$$

4.2 Founder Allocation — 20% (1.52B DNDX)

Purpose: Reward and align the founding contributor(s) over multiple years.

Structure:

- **Cliff:** 12 months from TGE
- **Vesting:** 36 months linear post-cliff
- **TGE Unlock:** 0%

Formula:

$$V_{\text{founder}}(t) = \begin{cases} 0 & t < t_{c,\text{founder}} \\ A_{\text{founder}} \frac{(t - t_{c,\text{founder}})}{T_{\text{founder}}} & t \geq t_{c,\text{founder}} \end{cases}$$

This is a **serious project signal** showing long-term founder commitment.

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4.3 Team & ESOP — 8% (608M DNDX)

Purpose: Supports hiring, advisor compensation, and long-term contributors.

Structure:

- **Cliff:** 9 months
- **Vesting:** 36 months linear
- **TGE Unlock:** 0%

Formula:

$$V_{\text{team}}(t) = \begin{cases} 0 & t < t_{c,\text{team}} \\ A_{\text{team}} \frac{(t - t_{c,\text{team}})}{T_{\text{team}}} & t \geq t_{c,\text{team}} \end{cases}$$

This ensures responsible, sustainable contributor rewards.

4.4 Community Rewards — 12% (912M DNDX)

Purpose: Reward real, verifiable engagement — not free speculative drops.

Used for:

- On-chain actions
- App usage
- Quests and loyalty programs

- Behavior-vested earning
- Long-term contributor programs

Public Principles:

- No fully liquid airdrop at TGE
- Most rewards are **earned** and then **vested**
- Encourages actual protocol usage

Formula (generalized):

User earns points or rewards:

$$E_{user}(t) = f(\text{usage}, \text{loyalty}, \text{tiers})$$

Vesting applied:

$$V_{comm}(t) = \text{vesting_schedule}(E_{user}(t))$$

4.5 Ecosystem & Partnerships — 12% (912M DNDX)

Purpose: Growth, integrations, developer grants, global expansion.

Vesting:

- Typically **3 to 36 months**
- Milestone-based unlocks for larger integrations
- No instant, unlimited unlocks

Formula:

$$V_{\text{partner}}(t) = \begin{cases} 0 & t < t_{c,\text{partner}} \\ A_{\text{partner}} \frac{(t - t_{c,\text{partner}})}{T_{\text{partner}}} & t \geq t_{c,\text{partner}} \end{cases}$$

4.6 Liquidity — 8% (608M DNDX)

Purpose:

- DEX & CEX liquidity pools

- Market maker arrangements
- Ensure deep order books

Structure:

- LP tokens locked for **6–12 months**
- Market MAKER unlocks tied to liquidity performance

Formula:

$$V_{LP}(t) = \begin{cases} 0 & t < t_{\text{unlock}} \\ A_{LP} & t \geq t_{\text{unlock}} \end{cases}$$

4.7 Treasury & Safety Reserves — 16% (1.216B DNDX)

Purpose:

- Fund protocol development
- Support SLA credit issuance
- Handle emergencies
- Operations and audits
- Long-term sustainability

Unlock Logic:

Governance-controlled, slow, transparent, with multi-sig protections.

5. Vesting Architecture

Dendrites follows **traditional, institutional-grade vesting**.

5.1 Cliff Vesting

Tokens unlock **only after** the cliff duration is passed.

5.2 Linear Vesting Formula

$$V(t) = \begin{cases} 0 & t < t_c \\ A \cdot \frac{(t - t_c)}{T} & t \geq t_c \end{cases}$$

Where:

Version 1.0

- A = total allocation
- t_c = cliff date
- T = total vest duration

5.3 Monthly Unlock Amount

$$U = \frac{A}{T}$$

6. Circulating Supply at TGE (Float Model)

To ensure price stability and protect early contributors:

TGE Float Target: ~6–9% of Total Supply

Sources of circulating supply:

- A controlled subset of Sale & Strategic allocations
- Liquidity injections (locked LP positions)
- Some claimable — NOT liquid — community rewards

Everything else remains:

- Cliff locked
- Vesting linearly
- Or governance-locked

This avoids unhealthy inflation and positions DNDX as a **serious, institutional-grade protocol token**, not a meme launch.

7. Token Utility

DNDX provides utility across the entire economic flywheel of the Dendrites protocol:

- **Predictable Gas™**: Fee offsets & stability
- **SLA Credits**: Compensation for fee-band breaches
- **SafetySend (UNDO)**: Reversible transactions
- **APP Escrow**: Milestone-based settlement

- **Priority Access:** To premium service tiers
 - **Ecosystem Access:** Staking & participation credits
 - **Future Governance:** Parameter & treasury decisions
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8. Economic Design Principles

The DNDX token model follows:

1. Long-Term Alignment

Founder and team locked for 9–12 months (cliffs), then vest 3 years.

2. Controlled Liquidity

Early circulating supply capped tightly.

3. Usage-Based Community Rewards

Earned through real behavior.

4. Sustainable Treasury Policy

Reserves unlock slowly via governance.

9. Compliance Notes (Public-Safe)

This document:

- Does **not** contain token pricing
- Does **not** contain sale schedules
- Does **not** promise returns or profits
- Is **not** a solicitation or offering
- Is for educational and transparency purposes only

Any participation in token-related programs will require **separate, jurisdiction-specific terms**.

10. Final Summary Table

Category	%	Vesting
Sale & Strategic	24%	Cliffs + linear vesting
Founder	20%	12m cliff + 36m linear
Team	8%	9m cliff + 36m linear
Community Rewards	12%	Earned + vested
Ecosystem	12%	3-36m vesting
Liquidity	8%	6-12m lock
Treasury	16%	Governed unlocks

This tokenomics model is built for long-term stability, predictable growth, and responsible governance.

With a fixed supply, disciplined vesting, and controlled TGE circulation, DNDX aligns all stakeholders toward the same mission — building the world’s most trusted, commerce-grade payment layer.