VRAM COIN

Whitepaper

A concept for a shared, peer-to-peer, encrypted virtual memory space

CONCEPT PHASE — PRE-LAUNCH

No token has been issued. This document describes a concept under active development.

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Abstract

VRAM Coin proposes a cryptocurrency whose utility is tied not to payments, but to space: holders claim a partition of a shared, peer-to-peer memory image, personalize it as a virtual desktop or command-line environment, and hold tokens to determine how large that space is and how long it persists. Every partition is encrypted end to end, accessible only via a memorable key phrase held solely by its owner. This document lays out the concept, the mechanism, early tokenomics, and the roadmap from the current concept phase toward a public testnet and, eventually, genesis.

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1. Introduction

Most consumer computing still assumes a single machine holds your environment: your files, your layout, your configuration. Moving between devices means reconfiguring from scratch, or trusting a centralized cloud provider with an unencrypted copy of your workspace.

VRAM Coin explores an alternative: a shared pool of virtual memory, contributed to and drawn from peer-to-peer, where each participant's slice is theirs alone — encrypted, personal, and portable across whatever device they connect from.

2. The concept

Every holder shares one large peer-to-peer RAM image, but each person's slice of it is private — a virtual desktop or command-line environment they shape however they like, sealed off from everyone else's slice, including the network itself.

Hold to grow

A partition's size scales with the tokens its owner holds. Holding more grows it; nothing is spent in the process. The owner can also resize or reshape it manually at any time.

Personalize freely

Each partition can be arranged like a desktop — wallpaper, layout, files — or run as a bare command-line environment, whichever the owner actually works in.

Private by encryption

Every partition is encrypted end to end. Not the project, not a government, not another node on the network can open it — only the owner's key can, and that key is a memorable phrase rather than a long string that's easily lost.

One environment, everywhere

Because the environment lives in the shared image rather than on any single machine, there's no reconfiguring a new device — the same environment is present wherever the owner connects from.

3. How it works

01. Claim

Holding VRAM Coin opens a partition in the shared image. It's given a short, memorable name instead of a long address — easy to remember, easy to share.

02. Personalize

The owner sets it up as a full GUI desktop or a bare command-line environment. It's encrypted the moment it's written, so only the owner's key can read it back.

03. Hold & adjust

Partition size tracks the tokens held — holding more grows it. The owner can also resize or reshape it manually at any time, independent of that.

4. Tokenomics — the memory map

Early parameters, laid out address-style. Figures below are placeholders for the concept phase and will be finalized in full before any genesis event.

Address	Field	Value
0x00	Total supply	65,000,000,000 — fixed at genesis
0x01	Environment	Shared p2p RAM image, per-user encrypted partition
0x02	Token utility	Held, not spent — balance sets partition size
0x03	Sizing	Scales with tokens held; owner can resize manually anytime
0x04	Access	A memorable key phrase — not a long string easily forgotten
0x05	Naming	Short, memorable name per partition — no long hashes to track
0x06	Status	Pre-launch, no token issued

5. Security & privacy

Every partition is encrypted end to end at the moment it's written. Decryption requires the owner's key alone — a memorable phrase rather than a long, easily-lost string, following the same principle as established hardware-wallet recovery phrases (typically 12–24 random words). A memorable key is only as secure as the entropy behind it, so any production implementation must generate these phrases with sufficient randomness to resist guessing or brute force, not trade security away for convenience.

The project's public-facing infrastructure (vramcoin.com) follows GDPR-aligned practices: cookies are only set with explicit consent, rejecting them stores nothing at all, and the only personal data collected — a signup email — is used solely to deliver project updates.

6. Roadmap

Phase 0 — Concept (now)

Drafting the whitepaper, forming the founding community, and stress-testing the core idea in the open.

Phase 1 — Testnet

Simulate the coin end-to-end inside a sandboxed virtual environment, with no real value attached.

Phase 2 — Independent audit

External review of the virtual-settlement and encryption design before anything touches real funds.

Phase 3 — Genesis

Mainnet launch and the initial allocation, with terms published in full ahead of time.

7. Risks & disclaimer

Concept-stage risk

VRAM Coin has no token in existence at the time of writing. Everything described here — the mechanism, the tokenomics, the roadmap — is a concept under development and may change materially, be delayed, or be discontinued.

Not an offer or solicitation

Nothing in this document is an offer to sell securities, a solicitation to buy any asset, or investment, legal, or tax advice. If a token is ever issued, full participation terms will be published separately ahead of time.

Technical risk

Peer-to-peer encrypted storage systems carry inherent technical risk, including the possibility of data loss, key loss, or vulnerabilities not yet identified. An independent audit is planned prior to genesis specifically to address this.

Regulatory risk

Cryptocurrency regulation varies by jurisdiction and continues to evolve. Nothing here should be read as a determination of the regulatory status of any future token in any jurisdiction.

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