

# Quantera (QNR) Whitepaper v1

## Modern Startup Edition

### 1. Introduction

Quantera (QNR) is a next-generation utility and governance token designed to evolve from an ERC-20 asset into the economic backbone of a modular Web3 ecosystem. Inspired by modern architectures such as Aptos, Celestia, and Optimism, Quantera focuses on scalability, security, and transparent token economics.

### 2. Vision

Quantera aims to build a future ecosystem powered by:

- Community-driven governance
- Sustainable staking economics
- A revenue-sharing model
- Future Layer-1 / Layer-2 expansion
- Secure multi-sig controlled treasury

### 3. Token Overview

- **Name:** Quantera
- **Symbol:** QNR
- **Standard:** ERC-20
- **Supply:** 1,000,000,000 QNR (fixed)
- **Contract:** 0x38b8725a048Fa851508bB1566Ce9946F3486b309

### 4. Core Utility

#### 4.1 Governance

Holders vote on proposals, treasury allocation, ecosystem grants, and potential burn mechanisms.

## 4.2 Staking

QNR staking rewards long-term participants and secures future Quantera infrastructure.

## 4.3 Ecosystem Access

QNR unlocks:

- Launchpad tiers
- Premium analytics
- Reduced platform fees
- Special event access

## 5. Token Distribution

Category	%	Tokens	Vesting
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Liquidity & MM	10%	100M	Unlocked (LP locked)
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Community	20%	200M	4-year linear
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Staking Rewards	25%	250M	8–10 year emissions
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Team	15%	150M	1-year cliff + 3-year vest
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Strategic Partners	10%	100M	10% TGE + 2-year vest
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Treasury & Ecosystem	15%	150M	Multi-sig
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Reserve	5%	50M	Locked
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## 6. Architecture

### 6.1 Multi-Sig Treasury

Quanterra uses a Gnosis Safe for secure management of ecosystem funds.

## 6.2 Vesting Contracts

All team, investor, and reserve allocations are time-locked using transparent smart contracts.

## 6.3 Future L1/L2 Upgrade Path

Quanterra will explore:

- Rollup frameworks
- Modular execution layers
- Native staking economics
- Cross-chain bridges

## 7. Launch Strategy

### Phase 0: Foundation (0–3 Months)

- Contract deployment and verification
- Tokenomics release
- Website + branding
- Community channels
- Initial audits

### Phase 1: Ecosystem MVP (3–9 Months)

- Staking dApp
- Analytics dashboard
- Airdrop + quest campaigns

- Partnerships

#### Phase 2: DeFi Layer (9–18 Months)

- Launchpad
- Yield products
- Buyback & burn model
- Staking v2

#### Phase 3: Chain Evolution (18+ Months)

- Quanterra Chain (L1/L2)
- Native QNR staking token
- Validator model
- Slashing rules
- Native gas and fee economy

### 8. Economics & Sustainability

QNR adopts a sustainable model:

- Fixed supply
- Long-term staking emissions
- Treasury-backed ecosystem growth
- Optional fee-sharing mechanisms

### 9. Risk Factors

- Market volatility
- Smart contract vulnerabilities

- Regulatory uncertainty

- Liquidity fragmentation

## 10. Conclusion

Quanterra aims to grow into a modular, community-driven blockchain ecosystem with transparent tokenomics, long-term sustainability, and global accessibility.