ABM Diora Blockchain

Official Whitepaper

Version 1.0

January 2026

ABM Foundation

Executive Summary

ABM Diora is a next-generation Layer 1 blockchain designed for institutional adoption, featuring enterprise-grade security, high throughput, and comprehensive developer tools. Built by the ABM Foundation, Diora combines the best features of existing blockchains while addressing their limitations through innovative consensus mechanisms and economic models.

Key Innovations

u2022 Hybrid Proof of Stake (HPoS): Combining DPoS with traditional PoS
u2022 Dynamic Gas Optimization: Real-time gas price adjustment
u2022 Enterprise Security Framework: Multi-layered security
u2022 Developer-Centric Architecture: Full EVM compatibility
u2022 Sustainable Economics: Deflationary tokenomics

Problem Statement

Current blockchain platforms face significant limitations:

Performance Issues

u2022 Low Throughput: Bitcoin (7 TPS), Ethereum (15-30 TPS)
u2022 High Latency: Slow transaction confirmation times
u2022 Scalability Challenges: Network congestion during peak usage

Economic Problems

u2022 High Gas Fees: Volatile and unpredictable transaction costs
u2022 Inflationary Models: Unlimited token supply causing value dilution
u2022 Poor Utility: Tokens with limited real-world applications

Security Concerns

u2022 51% Attacks: Vulnerability in smaller networks
u2022 Smart Contract Vulnerabilities: Billions lost to exploits
u2022 Privacy Issues: Lack of transaction privacy

Solution Overview

ABM Diora addresses these limitations through a comprehensive approach:

Core Innovations

1. Hybrid Proof of Stake (HPoS)

2. Dynamic Gas Optimization

3. Enterprise Security Framework

Technical Specifications

u2022 Consensus: Hybrid Proof of Stake (HPoS)
u2022 Block Time: 6 seconds
u2022 Throughput: 1000+ TPS
u2022 Validators: 42 active validators
u2022 Virtual Machine: Ethereum Virtual Machine (EVM) Compatible
u2022 Finality: Instant block finality