Hash Ahead

Welcome to the Future

WHO WE ARE

Hash Ahead has solved the "blockchain trilemma". We are the world's fastest decentralized blockchain, with high energy efficient PoS mining and virtually zero gas fees, while ensuring security, scalability, and decentralization. With 1M+ TPS, we can securely process more than both Visa and Mastercard combined and are set to be the platform for all decentralized apps in the future.

OUTSTANDING SPEED

We employ a multi–chain structure, enabling a transaction speed of up to 1M TPS. The minimum transaction confirmation time is 500 milliseconds, and the minimum block interval time is 100 milliseconds. In our upcoming decentralized exchange, the minimum asset transaction confirmation time will be 500 milliseconds.

SMART CONTRACT LIBRARY

Unlike other smart contract libraries, where the gas fees generated from contract invocations are only rewarded to miners, and the contract authors do not benefit from it, our ecosystem model allows for shared revenue between contract authors and miners.

INFINITE SCALABILITY

The multi–chain structure consists of consensus chains and functional sub–chains, enabling infinite scalability and facilitating cross–chain transactions. We utilize simplified validation nodes that do not need to store historical block data. This platform exhibits limitless scalability, capable of accommodating significant loads while maintaining extremely low fees.

NEGATIVE INTEREST RATE ECONOMIC MODEL

The negative interest rate economic model is a unique currency design exclusive to Hash Ahead, which maintains stable value and attracts investors through its distinctive deflationary mechanism. It encourages economic activity, consumption, and investment, promoting the growth of the public chain economy while safeguarding value against inflation and market fluctuations. Community participation and governance drive the development of the public chain, while contract diversity provides users with more choices. Public incentives and portfolio advantages bring fairness and developmental impetus to society. The characteristics of the negative interest rate economic model make it a remarkable economic model, laying the foundation for the success and sustainable development of the public chain.

CHAIN GROUP TECHNOLOGY

Hash Ahead adopts powerful chain grouping technology as a technical solution, enabling the integration of multiple blockchain networks for interoperability and enhanced scalability. This technology not only reduces the deployment and maintenance costs of blockchain but also attracts more users and developers to participate, thus promoting the development and growth of the entire ecosystem.

Why Hash Ahead?

FIRST TO ACHIEVE

1M TPS

Hash Ahead is faster, smarter, safer, more infinitely scalable and cost–efficient than any other blockchain alternative

Security

Scalability

Decentralization

Solving the Blockchain Trilemma

HashAhead is a fully decentralized blockchain with significantly faster transaction processing speed, high security, and limitless scalability compared to any other blockchain.
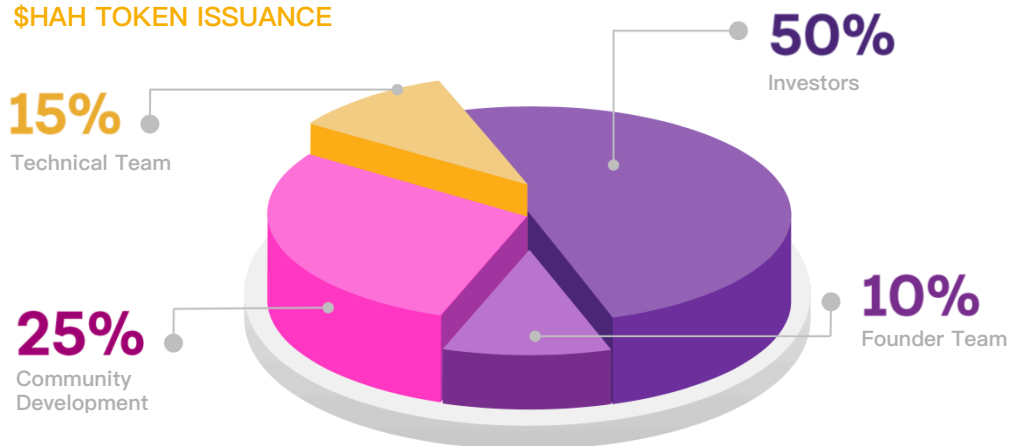
Speed	Latency	Finality
1,000,000 TPS	500 ms	100 ms

COMPETITIVE LANDSCAPE – HASH IS AHEAD

	Hash Ahead	Near	Ethereum	BNB	Fantom	Solana	Bitcoin	Polkadot	Cosmos	Avalanche
TPS	1,000,000+	100,000	25	38.5	4.3	29,000	3	1,000	10,000	5,000+
Finality	100 ms	2 sec	6 min	1 sec	2 sec	2.6 sec	60 min	60 sec	6 sec	1-2 sec
Latency	500ms	1-2 sec	22 Sec	1 sec	1-2 sec	127ms	[60] min	6 sec	10ms	1 sec
Scalability	Infinite	100	8000	100	100	100	0	1000	100	200
Consensus Mechanism	PoS	PoS	PoS	PoSA	aBFT	PoH	PoW	NPoS	PoS	PoS
Smart Contract Author Rewards	✓	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗

$HAH TOKEN ISSUANCE

15% Technical Team

50% Investors

25% Community Development

10% Founder Team

Total supply：	10,000,000,000
Tokens for initial distribution：	1,000,000,000(10% of total)
Tokens for mining：	9,000,000,000(90% of total)

Halving：	Every 4 years
First 4 years：	4,500,000,000
Next 4 years：	2,250,000,000

Example：2022 – 2026 : 4,500,000,000 tokens will be paid out as rewards to miners who stake their tokens.

PEDIGREED ARCHITECTS AND PROGRAMMERS

Hash Ahead's Chief Architect and team of 200+ programmers have been creating code during the past decade for many high profile projects across multiple sectors, including government digital currencies, metaverse projects,DeFi, NFTs, and private industruy. There are fourteen projects currently under development.

KEY MILESTONES

2020：Establishment
- Began creating HAH code
- Implemented infinitely scalable ulti–Chain structure
- Established decentralized smart contract library,high–performance WASM VM, and smart contract author incentives

2022：Development
- Implemented new consensus mechanism, real time block production & remove empty blocks
- Implemented multi–layer P2P network, block fragmentation transmission
- Undertook external projects

2024：Go to Market(G2M)
- Q1 – confirmed 1M TPS
- Q3/Q4 – establish fork upgrades, SDKs,community governance
- Q1 – fund raise to support G2M and ecosystem growth
- Q3 – est. HAH Foundation to support projects building on HAH